

## PREFACE

This supplement contains amendments to the environmental regulations adopted during the 3rd quarter of 2004 (July - September).

The amendments in this publication include the following:

Media	Rule Log #	Final Date
Office of the Secretary	(OS052)	August 20, 2004
	(OS055)	September 20, 2004
Air	(AQ237)	August 20, 2004
	(AQ243)	July 20, 2004
Hazardous Waste	(HW085*)	August 20, 2004
Solid Waste	(SW038)	September 20, 2004
Water Quality	(WQ053)	July 20, 2004
Radiation Protection	(RP035*)	August 20, 2004

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\* Fast-Track Rule – Federal regulations promulgated in accordance with expedited procedures in R.S. 49:953(F)(3)

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Environmental Regulatory Code Editor



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## Title 33 ENVIRONMENTAL QUALITY

### Part I. Office of the Secretary

#### Subpart 1. Departmental Administrative Procedures

#### Chapter 13. Risk Evaluation/Corrective Action Program

##### §1307. Adoption by Reference

A. The document entitled, "Louisiana Department of Environmental Quality Risk Evaluation/Corrective Action Program (RECAP)," dated October 20, 2003, is hereby adopted and incorporated herein in its entirety. The RECAP document is available for purchase or inspection from 8 a.m. until 4:30 p.m., Monday through Friday from the department's Office of Environmental Assessment, Environmental Planning Division. For RECAP document availability at other locations, contact the department's Environmental Planning Division. The RECAP document may also be reviewed on the Internet through the department's website.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2272.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 24:2244 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1264 (June 2000), LR 26:2441 (November 2000), LR 29:2057 (October 2003), amended by the Office of Environmental Assessment, LR 30:2020 (September 2004).

#### Chapter 23. Procedures for Public Record Requests

##### §2305. Standard Operating Procedures

A. All requests for copies of public records, including discovery requests and subpoenas duces tecum for production of public records, shall be made using LDEQ Form ISD-0005-01. A certification on LDEQ Form ISD-0005-02 shall be submitted with the request for free or reduced rate copies. Completed forms may be submitted in person, by mail, by facsimile, or other approved method. No other request will be honored. Copies of the forms may be obtained through the department's website or from the department's custodian of records.

B. - D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 49:950 et seq. and 44:1 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Management and Finance, Fiscal Services Division, LR 25:429 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2442 (November 2000), LR 29:702 (May 2003),

amended by the Office of Environmental Assessment, LR 30:2020 (September 2004).

### Subpart 2. Notification

#### Chapter 39. Notification Regulations and Procedures for Unauthorized Discharges

#### Subchapter A. General

##### §3903. Purpose

A. - A.3. ...

4. to provide the department with the discharge information that shall be used to ensure compliance with permit terms and conditions.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C) and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 30:1668 (August 2004).

#### Subchapter B. Requirements for Emergency Notification

##### §3915. Notification Requirements for Unauthorized Discharges That Cause Emergency Conditions

A. - A.1. ...

2. One notification to the hotline for any unauthorized discharge will suffice for unauthorized discharges that continue for more than one day if the initial notification clearly states that the discharge is expected to continue for more than one day.

3. The hotline must be immediately notified of any adverse change in the nature or rate of the discharge. Additional notifications must be made for discharges of multiple constituents when they originate from different causes or sources or they are substantially different in nature from the discharges in the initial notification.

A.4. - B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2204(A), 2194(C) and 2373(B).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2442 (November 2000), LR 30:1668 (August 2004).

## Subchapter C. Requirements for Prompt Notification

### §3917. Notification Requirements for Unauthorized Discharges That Do Not Cause an Emergency Condition

A. In the event of an unauthorized discharge that exceeds a reportable quantity specified in Subchapter E of this Chapter but that does not cause an emergency condition, the discharger shall promptly notify the department within 24 hours after learning of the discharge. Notification should be made to the Office of Environmental Compliance, Surveillance Division Single Point of Contact (SPOC) in accordance with LAC 33:I.3923.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C) and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), repromulgated LR 20:182 (February 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2443 (November 2000), repromulgated LR 27:38 (January 2001), amended LR 30:1668 (August 2004).

### §3919. Notification Requirements for Unauthorized Discharges with Groundwater Contamination Impact

A. In the event that any unauthorized discharge results in the contamination of the groundwaters of the state or otherwise moves in, into, within, or on any saturated subsurface strata, the discharger shall promptly notify the Office of Environmental Compliance, Surveillance Division SPOC in accordance with LAC 33:I.3923.

B. Dischargers are not relieved from any requisite written notification procedures in LAC 33:I.3925 or of any permit or license terms and conditions issued under the Louisiana Environmental Quality Act.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2076(D), 2183(I), and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), repealed LR 19:1022 (August 1993), repromulgated and amended LR 20:182 (February 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2443 (November 2000), LR 30:1668 (August 2004).

## Subchapter D. Notification Procedures

### §3923. Prompt Notification Procedures

A. Prompt notification shall be provided within a time frame not to exceed 24 hours and shall be given to the Office of Environmental Compliance, Surveillance Division SPOC as follows:

1. by the Online Incident Reporting screens found at <http://www.deq.louisiana.gov/surveillance/irf/forms/>;

2. by e-mail utilizing the Incident Report Form and instructions found at <http://www.deq.louisiana.gov/surveillance/>;

3. by telephone at (225) 219-3640 during office hours, or at (225) 342-1234 after hours and on weekends and holidays; or

4. for radiation incidents, by telephone at (225) 765-0160.

B. Mobile or marine radio notifications should be directed to the nearest communication center or to a telephone center for forwarding of the notification by telephone.

C. Content of Prompt Notifications. The following guidelines will be utilized as appropriate, based on the conditions and circumstances surrounding any unauthorized discharge, to provide relevant information regarding the nature of the discharge:

1. the name of the person making the notification and the telephone number where any return calls from response agencies can be placed;

2. the name and location of the facility or site where the unauthorized discharge is imminent or has occurred, using common landmarks. In the event of an incident involving transport, include the name and address of the transporter and generator;

3. the date and time the incident began and ended, or the estimated time of continuation if the discharge is continuing;

4. the extent of any injuries and identification of any known personnel hazards that response agencies may face;

5. the common or scientific chemical name, the U.S. Department of Transportation hazard classification, and the best estimate of amounts of any or all discharged pollutants;

6. a brief description of the incident sufficient to allow response agencies to formulate their level and extent of response activity; and

7. for unauthorized emissions of toxic air pollutants listed in LAC 33:III.Chapter 51, Table 51.2 or 51.3 or radioactive material, the following supplemental information:

a. the location of the source facility or stack;

b. the time at onset of the emission;

c. the prevailing local wind direction and estimated wind velocity at the time of onset; and

d. the duration of the emission if stopped at the time of notification.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C) and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), amended by the Office

of Environmental Assessment, Environmental Planning Division, LR 30:1668 (August 2004).

### §3925. Written Notification Procedures

A. Written reports for any unauthorized discharge that requires notification under LAC 33:I.3915.A, 3917, or 3919 shall be submitted by the discharger to the Office of Environmental Compliance, Surveillance Division SPOC in accordance with this Section within seven calendar days after the notification required by LAC 33:I.3915.A, 3917, or 3919, unless otherwise provided for in a valid permit or other department regulation.

1. ...

2. If delivered by other means (e.g., hand-delivered, faxed, etc.), the submittal date of the written notification will be the date of receipt by the department.

B. Written notification reports required by LAC 33:I.3915, 3917, and 3919 shall include, but not be limited to, the following information:

1. the name, address, telephone number, Agency Interest (AI) number (number assigned by the department) if applicable, and any other applicable identification numbers of the person, company, or other party who is filing the written report, and specific identification that the report is the written follow-up report required by this Section;

2. the time and date of prompt notification, the state official contacted when reporting, the name of the person making that notification, and identification of the site or facility, vessel, transport vehicle, or storage area from which the unauthorized discharge occurred;

3. ...

4. details of the circumstances (unauthorized discharge description and root cause) and events leading to any unauthorized discharge, including incidents of loss of sources of radiation, and if the release point is subject to a permit:

a. the current permitted limit for the pollutant(s) released;

b. the permitted release point/outfall ID; and

c. which limits were exceeded (SO<sub>2</sub> limit, mass emission limit, opacity limit, etc.) for air releases;

5. the common or scientific chemical name of each specific pollutant that was released as the result of an unauthorized discharge, including the CAS number and U.S. Department of Transportation hazard classification, and the best estimate of amounts of any or all released pollutants (total amount of each compound expressed in pounds, including calculations);

6. a statement of the actual or probable fate or disposition of the pollutant or source of radiation and what off-site impact resulted;

7. - 11. ...

12. what other agencies were notified;

13. the names of all other responsible parties of which the reporting party is aware;

14. a determination by the discharger of whether or not the discharge was preventable, or if not, an explanation of why the discharge was not preventable;

15. the extent of injuries, if any; and

16. the estimated quantity, identification, and disposition of recovered materials, if any.

C. Written notification reports shall be submitted to the Office of Environmental Compliance, Surveillance Division SPOC by mail or fax. The transmittal envelope and report or fax cover page and report should be clearly marked "UNAUTHORIZED DISCHARGE NOTIFICATION REPORT."

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C) and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), LR 20:182 (February 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2443 (November 2000), LR 30:1669 (August 2004).

## Subchapter E. Reportable Quantities for Notification of Unauthorized Discharges

### §3931. Reportable Quantity List for Pollutants

A. - A.1. ...

2. 40 CFR 302.4, July 1, 2003, Table 302.4—List of Hazardous Substances and Reportable Quantities.

B. Modifications or Additions. The following table contains modifications to the federal reportable quantity lists incorporated by reference in Subsection A of this Section, as well as reportable quantities for additional pollutants.

Pollutant	Synonym	CAS No. <sup>1</sup>	RCRA <sup>2</sup> Waste Number	Pounds
Acetaldehyde	Acetic aldehyde	75070	U001	100 <sup>+</sup>
Allyl chloride	3-Chloropropene	107051		1000/10 <sup>®</sup>
Aniline	Aminobenzene	62533	U012	5000/1000 <sup>®</sup>
Antimony*		7440360		5000/100 <sup>®</sup>
Antimony compounds		20008		100
Barium*		7440393		100
Barium compounds		20020		100
Butenes (all isomers)		25167673		100 <sup>+</sup>
n-Butyl alcohol	1-Butanol	71363	U031	5000/1000 <sup>®</sup>
Carbonic dichloride	Phosgene	75445	P095	10/1 <sup>®</sup>
Chlorinated dibenzo furans, all isomers				1
Chlorine dioxide	Chlorine oxide	10049044		1
Chromium <sup>3</sup> *		7440473		5000/100 <sup>®</sup>

Pollutant	Synonym	CAS No. <sup>1</sup>	RCRA <sup>2</sup> Waste Number	Pounds
Chromium compounds		20064		100
Copper <sup>3</sup>		7440508		5000/100 <sup>@</sup>
Copper compounds		20086		100
Cumene	Isopropyl benzene	98828	U055	5000/1000 <sup>@</sup>
Ethyl acrylate	2-Propenoic acid, ethyl ester	140885	U113	1000/10 <sup>@</sup>
Ethylene	Ethene	74851		5000 <sup>#</sup> or 100 <sup>+</sup>
Glycol ethers **				100
Hexane	Hexyl hydride	110543		5000/1000 <sup>@</sup>
Hydrogen chloride	Hydrochloric acid	7647010		5000/1000 <sup>@</sup>
Hydrogen fluoride	Hydrofluoric acid	7664393	U134	100/10 <sup>@</sup>
Manganese*	Colloidal manganese	7439965		100
Manganese compounds				100
Methyl acrylate	2-Propenoic acid methyl ester	96333		10
Methyl ethyl ketone (MEK)	2-Butanone	78933	U159	5000/1000 <sup>@</sup>
Methyl isobutyl ketone	4-Methyl-2-pentanone	108101	U161	5000/1000 <sup>@</sup>
Methylmercaptan	Methanethiol	74931	U153	100/25 <sup>@</sup>
Methyl methacrylate	2-Methylacrylic acid methyl ester	80626	U162	1000/100 <sup>@</sup>
Methylene diphenyl diisocyanate	Methylene bisphenyl isocyanate	101688		1000
Nitric acid	Hydrogen nitrate	7697372		1000/100 <sup>@</sup>
Oil				1 barrel
Phthalic anhydride	1,3-Isobenzofurandione	85449	U190	5000/1000 <sup>@</sup>
Polynuclear aromatic hydrocarbons ***				1
Produced water				1 barrel
Propionaldehyde	Propionic aldehyde	123386		1000/100 <sup>@</sup>
Propylene	Propene	115071		100 <sup>+</sup>
Sweet pipeline gas (Methane/Ethane)				42000 (1,000,000 scf)
Toluene	Methyl-benzene	108883	U220	100 <sup>+</sup>
Vinyl acetate	Vinyl acetate monomer	108054		5000/100 <sup>@</sup>
Volatile organic compounds not otherwise listed <sup>4</sup>				5000
Highly reactive volatile organic compounds listed below: acetaldehyde; butenes (all isomers); ethylene; propylene; toluene; xylene (all isomers); and/or isoprene <sup>5</sup>				100 <sup>+</sup>

Pollutant	Synonym	CAS No. <sup>1</sup>	RCRA <sup>2</sup> Waste Number	Pounds
F003 The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:			F003	100
Methyl isobutyl ketone		108101		5000/1000 <sup>@</sup>
n-Butyl alcohol		71363		5000/1000 <sup>@</sup>
F005 The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:			F005	100
Methyl ethyl ketone		78933	U159	5000/1000 <sup>@</sup>

Note \* - Note <sup>4</sup> ...

<sup>5</sup> The combined emission of these highly reactive VOC shall be totaled to determine if a RQ has been exceeded.

Note <sup>@</sup> ...

<sup>+</sup> The RQ listed denotes the reportable quantities that will apply to unauthorized emissions based on total mass emitted into the atmosphere for facilities in the following parishes: Ascension, East Baton Rouge, Iberville, Livingston, West Baton Rouge, St. Charles, St. James, St. John the Baptist, Pointe Coupee, and West Feliciana.

<sup>#</sup> RQ for state except the following parishes: Ascension, East Baton Rouge, Iberville, Livingston, West Baton Rouge, St. Charles, St. James, St. John the Baptist, Pointe Coupee, and West Feliciana.

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C), 2204(A), and 2373(B).

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), LR 20:183 (February 1994), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:944 (September 1995), LR 22:341 (May 1996), amended by the Office of the Secretary, LR 24:1288 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 27:2229 (December 2001), LR 28:994 (May 2002), LR 29:698 (May 2003), LR 30:751 (April 2004), LR 30:1669 (August 2004).

## Subpart 4. Emergency Response Regulations

### Chapter 69. Emergency Response Regulations

#### §6919. Emergency Response Storage Facility Requirements

A. - A.1. ...

a. Storage of material generated from the abatement and/or cleanup of an off-site emergency condition may be authorized by the administrative authority for up to 90 days.

Storage of such material maintained in an emergency response facility shall be in accordance with the requirements in Paragraph A.2 of this Section.

A.1.b. - A.2.f. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1), (14), and (15).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 22:978 (October 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 30:1671 (August 2004).

#### **§6923. Characterization of Stored Material**

A. The responsible person must determine the character (chemical composition and regulatory status) of any material stored in an emergency response storage facility before the time allowed for storage in accordance with LAC 33:I.6919

has elapsed and prior to any subsequent management activities, except as authorized by the administrative authority.

B. Except as otherwise provided by this Chapter, materials generated from the abatement and/or cleanup of an off-site emergency condition or cleanup as a result of a discharge of a pollutant must be managed according to the requirements of all applicable regulations including, but not limited to, LAC 33:V and VII.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1), (14), (15) and 2025.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 22:979 (October 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 30:1671 (August 2004).

**Title 33****§223. Fee Schedule Listing****ENVIRONMENTAL QUALITY****Part III. Air**

**Chapter 2. Rules and Regulations for  
the Fee System of the Air Quality  
Control Programs**

Table 1						
Fee Schedule Listing						
Fee Number	Air Contaminant Source	SICC	Annual Maintenance Fee	New Permit Application Fee	Modified Permit Fees	
					Major	Minor
***						
[See Prior Text in 0010-1722]						

Table 2		
Additional Fees		
Fee Number	Fee Description	Amount
***		
[See Prior Text in 2000-2200]		
2300 *Note 14*	Criteria Pollutant Annual Fee Per Ton Emitted on an Annual Basis (Non-Title V Facility): Nitrogen oxides (NO <sub>x</sub> ) Sulfur dioxide (SO <sub>2</sub> ) Non-toxic organic (VOC) Particulate (PM <sub>10</sub> )	12.83/ton
2310 *Note 14*	Criteria Pollutant Annual Fee Per Ton Emitted on an Annual Basis (Title V Facility): Nitrogen oxides (NO <sub>x</sub> ) Sulfur dioxide (SO <sub>2</sub> ) Non-toxic organic (VOC) Particulate (PM <sub>10</sub> )	12.83/ton
***		
[See Prior Text in 2400-2914]		

## Explanatory Notes for Fee Schedule

Note 1 - Note 20 ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054, 2341 and 2351 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 14:613 (September 1988), LR 15:735 (September 1989), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1205 (December 1991), repromulgated LR 18:31 (January 1992), amended LR 18:706 (July 1992), LR 18:1256 (November 1992), LR 19:1373 (October 1993), LR 19:1420 (November 1993), LR 19:1564 (December 1993), LR 20:421 (April 1994), LR 20:1263 (November 1994), LR 21:22 (January 1995), LR 21:782 (August 1995), LR 21:942 (September 1995), repromulgated LR 21:1080 (October 1995), amended LR 21:1236 (November 1995), LR 23:1496, 1499 (November 1997), LR 23:1662 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:267 (February 2000), LR 26:485 (March 2000), LR 26:1606 (August 2000), repromulgated LR 27:192 (February 2001), amended LR 29:672 (May 2003), LR 29:2042 (October 2003), LR 30:1475 (July 2004).

**Chapter 5. Permit Procedures****§517. Permit Applications and Submittal of Information**

A. - C. ...

D. Contents of Application. Applications for permits shall be submitted in accordance with forms and guidance provided by the permitting authority. In addition, forms can be obtained through the department's website. At a minimum, each permit application submitted under this Chapter shall contain the following:

D.1. - F. ...

G. Change of Ownership. Notification of any change in ownership must be given to the permitting authority within 90 days after the change. Such notification need not require a complete permit application submittal, but shall be provided in accordance with forms or guidance from the

permitting authority and in accordance with requirements of LAC 33:I.1701. In addition, forms can be obtained through the department's website. The administrative authority is authorized to amend the permit to reflect such changes in accordance with LAC 33:III.521. Failure to disclose such changes of ownership within 90 days after the event will be grounds for invalidation of the permit. Based on review of the compliance history of the new owner, the administrative authority has the right to deny the transfer of the permit in accordance with provisions of LAC 33:I.1701. Changes in ownership of a source holding grandfathered status will require that a permit application be submitted in accordance with LAC 33:III.501.B.6 and Paragraph A.3 of this Section.

H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:1420 (November 1993), amended LR 20:1375 (December 1994), amended by the Office of the Secretary, LR 22:344 (May 1996), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:405 (April 1997), LR 23:1677 (December 1997), amended by the Office of the Secretary, LR 25:661 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2448 (November 2000), amended by the Office of Environmental Assessment, LR 30:2021 (September 2004).

#### **§519. Permit Issuance Procedures for New Facilities, Initial Permits, Renewals and Significant Modifications**

A. - A.1.b. ...

2. The applicant shall submit any additional information requested by the date specified in such notice. Pursuant to LAC 33:I.Chapter 15, for any application pertaining to a *new facility* or to a *substantial permit modification*, the date specified for submittal shall be no later than 30 days from receipt of the notice of deficiency.

3. ...

4. Pursuant to LAC 33:I.Chapter 15, for any application pertaining to a *new facility* which will be a major source or to a *substantial permit modification*, the applicant shall publish a notice of the completeness determination in a major local newspaper.

B. - C.3. ...

4. Notwithstanding the 18-month allowance in Paragraph C.3 of this Section, final action shall be taken on any application relating to a *new facility* or to a *substantial permit modification*, as defined in LAC 33:I.Chapter 15, within 410 days of receipt of the permit application.

5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2022 and 2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:1420 (November 1993),

amended by the Office of Environmental Assessment, LR 30:2021 (September 2004).

#### **§527. Significant Modifications**

A. - B.3. ...

4. Pursuant to LAC 33:I.Chapter 15, for any application pertaining to a *substantial permit modification* (as defined in LAC 33:I.Chapter 15), the applicant shall publish a notice of completeness determination in a major local newspaper once the application for permit revision is deemed complete.

5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2022 and 2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:1420 (November 1993), amended LR 20:1375 (December 1994), amended by the Office of Environmental Assessment, LR 30:2021 (September 2004).

## **Chapter 11. Control of Emissions of Smoke**

### **§1105. Smoke from Flaring Shall Not Exceed 20 Percent Opacity**

A. The emission of smoke from a flare or other similar device used for burning in connection with pressure valve releases for control over process upsets shall be controlled so that the shade or appearance of the emission does not exceed 20 percent opacity (LAC 33:III.1503.Table 4) for a combined total of six hours in any 10 consecutive days. If it appears the emergency cannot be controlled in six hours, the Office of Environmental Compliance shall be notified by the emitter in accordance with LAC 33:I.3923 as soon as possible after the start of the upset period. Such notification does not imply the administrative authority will automatically grant an exemption to the source(s) of excessive emissions.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 25:656 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2450 (November 2000), LR 30:1671 (August 2004).

## **Chapter 15. Emission Standards for Sulfur Dioxide**

### **§1513. Recordkeeping and Reporting**

A. The owner or operator of any facility subject to the provisions of this Chapter shall record and retain at the site for at least two years the data required to demonstrate compliance with or exemption from these provisions. All emissions data shall be recorded in the units of the standard using the averaging time of the standard. These data shall be made available to a representative of the department or the

U.S. EPA on request. Compliance data shall be reported to the department annually in accordance with LAC 33:III.918. In addition, quarterly reports of three-hour excess emissions and reports of emergency conditions in accordance with LAC 33:I.Chapter 39 shall be made.

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2054.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 18:376 (April 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 30:1671 (August 2004).

## Chapter 21. Control of Emission of Organic Compounds

### Subchapter A. General

#### §2103. Storage of Volatile Organic Compounds

A. - I.5. ...

6. records of the type(s) of VOC stored and the length of time stored for any storage tank exempted under Paragraph G.5 of this Section.

7. - 7.b. ...

J. The facility shall provide notice of any use of a storage tank exempted under Paragraph G.5 of this Section. The notice shall be provided to the Office of Environmental Compliance in the manner identified in LAC 33:I.3923.A in advance, if possible, but no later than 24 hours after the tank starts filling.

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2054.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 15:1065 (December 1989), repromulgated LR 16:27 (January 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:360 (April 1991), LR 18:1121 (October 1992), LR 20:1376 (December 1994), LR 21:1223 (November 1995), repromulgated LR 21:1333 (December 1995), amended LR 22:453 (June 1996), LR 22:1212 (December 1996), LR 24:20 (January 1998), LR 24:2242 (December 1998), LR 25:657 (April 1999), LR 25:852 (May 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2452 (November 2000), LR 28:1763 (August 2002), LR 30:1671 (August 2004).

#### §2115. Waste Gas Disposal

Any waste gas stream containing volatile organic compounds (VOC) from any emission source shall be controlled by one or more of the applicable methods set forth in Subsections A-G of this Section. This Section shall apply to all waste gas streams located at facilities that have the potential to emit 25 TPY or more of VOC in the parishes of Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge; 50 TPY or more of VOC in the parishes of Calcasieu and Pointe Coupee; or 100 TPY or more of VOC in any other parish. This Section does not apply to waste gas streams that must comply with a control

requirement, meet an exemption, or are below an applicability threshold specified in another section of this Chapter. This Section does not apply to waste gas streams that are required by another federal or state regulation to implement controls that reduce VOC to a more stringent standard than would be required by this Section.

A. - K.4. ...

L. This Section does not apply to safety relief and vapor blowdown systems where control cannot be accomplished because of safety or economic considerations. However, the emissions from these systems shall be reported to the department as required under LAC 33:III.918. Emergency conditions shall be reported in accordance with LAC 33:I.Chapter 39.

M. - M. Waste Gas Stream. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2054.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:960 (November 1990), LR 17:654 (July 1991), LR 18:1122 (October 1992), LR 19:317 (March 1993), LR 22:1212 (December 1996), LR 24:21 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 28:1764 (August 2002), LR 30:745 (April 2004), LR 30:1672 (August 2004).

#### §2121. Fugitive Emission Control

A. Applicability. This regulation is applicable to equipment in petroleum refineries, natural gas processing plants, the synthetic organic chemical manufacturing industry (SOCMI), the methyl tertiary butyl ether (MTBE) manufacturing industry, and the polymer manufacturing industry that contains any of the following components that are intended to operate in VOC service 300 hours or more during the calendar year:

- a. pumps;
- b. compressors;
- c. pressure relief devices;
- d. open-ended valves or lines;
- e. process drains;
- f. valves;
- g. agitators;
- h. instrumentation systems; and
- i. connectors.

#### B. Fugitive Emission Control Requirements

1. No component specified for monitoring under Subsection C of this Section shall be allowed to leak organic compounds exceeding 10,000 parts per million by volume (ppmv), as defined in LAC 33:III.111, when tested by Method 21 "Determination of Volatile Organic Compound Leaks" in 40 CFR Part 60, Appendix A, as incorporated by



reference at LAC 33:III.3003. Any regulated component observed leaking by sight, sound, or smell must be repaired according to Paragraph B.3 of this Section, regardless of the leak's concentration. This includes instrumentation system leaks and flange and connection leaks found per Subparagraph C.3.b of this Section, pump and compressor seal leaks found during the weekly visual inspections, and other regulated components found leaking.

B.2. - C.3.a. ...

b. Monitor immediately with a leak detection device any component that appears to be leaking on the basis of sight, smell, or sound. This includes flanges and connectors, instrumentation systems, and pump and compressor seals observed during the weekly visual inspections, and any other regulated components that appear to be leaking. In lieu of monitoring, the operator may elect to implement actions as specified in Paragraph B.3 of this Section.

c. Any valve that is designated for no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, is exempt from the requirements of Clauses C.1.b.ii and iv and C.2.b.ii of this Section if the valve:

i. has no external actuating mechanism in contact with the process fluid (e.g., diaphragm valves, sealed bellows valves);

ii. is operated with emissions less than 500 ppm above background as measured in accordance with this Section; and

iii. is tested for compliance with Clause C.3.c.ii of this Section initially upon designation and annually thereafter.

C.4. - F.4. ...

G. Definitions. Terms used in this Section are defined in LAC 33:III.111 with the exception of those terms specifically defined as follows.

\*\*\*

*Instrumentation System*—a group of equipment components used to condition and convey a sample of the process fluid to analyzers and instruments for the purpose of determining process operating conditions (e.g., composition, pressure, flow). Valves and connectors are the predominant types of equipment used in instrumentation systems; however, other types of equipment may also be included in these systems. Only valves nominally 0.5 inch and smaller and connectors nominally 0.75 inch and smaller in diameter are considered instrumentation systems for the purposes of these regulations. Valves greater than nominally 0.5 inch and connectors greater than nominally 0.75 inch associated with instrumentation systems are not considered part of instrumentation systems and must be monitored individually.

\*\*\*

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:959 (November 1990), LR 17:654 (July 1991), LR 21:1330 (December 1995), LR 22:1128 (November 1996), LR 22:1212 (December 1996), LR 24:22 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1433 (July 2000), LR 26:1433 (July 2000), LR 26:2452 (November 2000), LR 30:1659 (August 2004).

**§2122. Fugitive Emission Control for Ozone  
Nonattainment Areas and Specified Parishes**

A. Applicability

1. This regulation is applicable to each process unit at petroleum refineries, natural gas processing plants, the synthetic organic chemical manufacturing industry (SOCMI), the methyl tertiary butyl ether (MTBE) manufacturing industry, and the polymer manufacturing industry that contains any of the following components that are intended to operate in VOC service 300 hours or more during the calendar year:

- a. pumps;
- b. compressors;
- c. pressure relief devices;
- d. open-ended valves or lines;
- e. process drains;
- f. valves;
- g. agitators;
- h. instrumentation systems; and
- i. connectors.

2. - 6.d. ...

B. Definitions. Terms used in this Section are defined in LAC 33:III.111 with the exception of those terms specifically defined as follows.

\*\*\*

*Instrumentation System*—a group of equipment components used to condition and convey a sample of the process fluid to analyzers and instruments for the purpose of determining process operating conditions (e.g., composition, pressure, flow). Valves and connectors are the predominant types of equipment used in instrumentation systems; however, other types of equipment may also be included in these systems. Only valves nominally 0.5 inch and smaller and connectors nominally 0.75 inch and smaller in diameter are considered instrumentation systems for the purposes of these regulations. Valves greater than nominally 0.5 inch and connectors greater than nominally 0.75 inch associated with instrumentation systems are not considered part of instrumentation systems and must be monitored individually.

\*\*\*

## C. Fugitive Emission Control Requirements

## 1. Leak Limitations

a. No component in petroleum refineries, SOCMI, MTBE, and polymer manufacturing industry shall be allowed to leak volatile organic compounds exceeding an instrument reading of 1,000 ppmv or greater for valves, connectors, instrumentation systems, pressure relief devices, and process drains; 5,000 ppmv for pumps and compressors; or 10,000 ppmv for agitators, as outlined in Subsection D of this Section, when tested by Method 21 (40 CFR Part 60, Appendix A, as incorporated by reference at LAC 33:III.3003).

b. No component in natural gas processing plants shall be allowed to leak volatile organic compounds exceeding an instrument reading of 2,500 ppmv for valves, connectors, instrumentation systems, pressure relief devices, process drains, and open-ended valves and lines; 5,000 ppmv for pumps and compressors; or 10,000 ppmv for agitators, as outlined in Subsection D of this Section, when tested by Method 21 (40 CFR Part 60, Appendix A, as incorporated by reference at LAC 33:III.3003).

C.1.c. - C.3. ...

4. Percent of leaking components at a process unit shall be determined for a test period as follows:

$$\% C_{lv} = \left[ \frac{F_{lv}}{F_{tv}} \right] * 100\% \quad \text{Equation 1}$$

where:

%  $C_{lv}$  = percent of leaking valves, flanged connectors, or pumps.

$C_{lv}$  = number of valves, flanged connectors, or pumps found leaking during the monitoring period.

$C_{tv}$  = total number of valves, flanged connectors, or pumps monitored during the period.

5. Total percent of leaking and unrepairable components shall be determined as follows:

$$\% C_{tlvp} = \left[ \frac{F_{tlv}}{F_{ttv}} + \frac{C_{tuvp}}{F_{ttv}} \right] * 100\% \quad \text{Equation 2}$$

where:

%  $C_{tlvp}$  = total percent of leaking and unrepairable valves, flanged connectors, or pumps.

$C_{tlv}$  = number of valves, flanged connectors, or pumps found leaking or defined as unrepairable.

$C_{ttv}$  = total number of valves, flanged connectors, or pumps tested during the period.

$C_{tuvp}$  = total number of valves, flanged connectors, or pumps which were defined as unrepairable.

D. - D.1.c. ...

d. Monitor all flanged connectors in accordance with either Clause D.1.d.i or ii of this Section.

i. Inspect all flanged connectors weekly by visual, audible, and olfactory means.

ii. Monitor flanged connectors four times per year (quarterly) using a leak detection device as follows.

(a). Either two hundred or 10 percent, whichever is less, of the flanged connectors shall be monitored each quarterly period in accordance with a written sampling plan.

(b). The sampling plan shall ensure that at least 66 percent of the flanged connectors monitored each quarterly period shall not have been previously monitored, until all flanged connectors within the process have been monitored.

e. Inspect weekly, by visual, audible, and olfactory means, all instrumentation systems.

f. Records of the visual, audible, and olfactory inspections of connectors and instrumentation systems are not required unless a leak is detected.

2. - 3.a. ...

b. Monitor immediately with a leak detection device any component that appears to be leaking on the basis of sight, smell, or sound. This includes flanges and connectors, instrumentation systems, and pump and compressor seals observed during the weekly visual inspections, and any other regulated components that appear to be leaking. In lieu of monitoring, the operator may elect to implement actions as specified in Paragraph C.3 of this Section.

c. - d. ...

e. Any valve that is designated for no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, is exempt from the requirements of Clauses D.1.b.iii and v and D.2.b.ii of this Section if the valve:

i. has no external actuating mechanism in contact with the process fluid (e.g., diaphragm valves, sealed bellows valves);

ii. is operated with emissions less than 500 ppm above background as measured in accordance with this Section; and

iii. is tested for compliance with Clause D.3.e.ii of this Section initially upon designation and annually thereafter.

4. - 5. ...

E. Alternate Control Techniques. The monitoring schedule in Subsection D of this Section may be modified as follows.

1. - 1.f. ...

g. Existing equipment that has been monitored under LAC 33:III.2121 for fugitives at the leak definition of 10,000 ppmv can initially elect to use this alternate standard if the unit has data documented with the department by either January 1, 1996, or for the 12 months prior to becoming subject to this Section, that indicates the percent

of leaking valves (Equation 1) is less than or equal to a 2.0 percent leak rate at 10,000 ppmv for the required time period.

2. ...

3. Alternate Standards for Flanged Connectors Subject to Clause D.1.d of this Section—Skip Period Leak Detection and Repair

a. An owner or operator may elect to comply with one of the alternative work practices specified in Clause E.3.b or Paragraph E.4 of this Section. However, the administrative authority\* must be notified in writing before implementing one of the alternative work practices.

b. After four consecutive quarterly leak detection periods with the percent of leaking flanged connectors (Equation 1) equal to or less than 1.0, an owner or operator may begin to skip three of the quarterly leak detection periods for the flanged connectors in gas/vapor and light liquid service.

c. If the percent of leaking flanged connectors (Equation 1) is greater than 1.0, or the total percent of leaking and unrepairable flanged connectors (Equation 2) is greater than 2.0, the owner or operator shall comply with the requirements as described in Subsection D of this Section but subsequently can again elect to use this Subsection when the requirements are met.

d. The percent of leaking flanged connectors (Equation 1) shall be determined by dividing the sum of components found leaking during the current monitoring period by the total number of flanged connectors that were tested and multiplying the results by 100 percent.

e. An owner or operator must keep a record of the percent of flanged connectors found leaking during each leak detection period and the total percentage of leaking and unrepairable flanged connectors.

4. Alternative Standards for Flanged Connectors—Increased Monitoring Frequency. If the percent of leaking flanged connectors (Equation 1) in a test period is greater than 1.0, or the total percent of leaking and unrepairable flanged connectors (Equation 2) is greater than 2.0, then an increase in the frequency of monitoring may be required by the administrative authority\*.

5. Alternate Standard for Batch Processes. As an alternate to complying with the requirements in Subsection D of this Section an owner or operator of a batch process in VOC service may elect to comply with one of the following alternative work practices. The batch product-process equipment shall be tested with a gas using the procedures specified in Subparagraph E.5.a of this Section or with a liquid as specified in Subparagraph E.5.b of this Section.

a. The following procedures shall be used to pressure test batch product-process equipment using a gas (e.g., air or nitrogen) to demonstrate compliance.

i. The batch product-process equipment train shall be pressurized with a gas to the operating pressure of

the equipment. The equipment shall not be tested at a pressure greater than the pressure setting of the lowest relief valve setting.

ii. Once the test pressure is obtained, the gas source shall be shut off.

iii. The test shall continue for not less than 15 minutes, unless it can be determined in a shorter period of time that the allowable rate of pressure drop was exceeded. The pressure in the batch product-process equipment shall be measured after the gas source is shut off and at the end of the test period. The rate of change in pressure in the batch product-process equipment shall be calculated using the following equation:

$$\frac{P}{t} = \frac{P_f - P_i}{t_f - t_i} \quad \text{Equation 3}$$

where:

$P/t$  = change in pressure, psia/hr.

$P_f$  = final pressure, psia.

$P_i$  = initial pressure, psia.

$t_f - t_i$  = elapsed time, hours.

iv. The pressure shall be measured using a pressure measurement device (gauge, manometer, or equivalent) that has a precision of  $\pm 2.5$  millimeters ( $\pm 0.05$  psig) of mercury in the range of test pressure and is capable of measuring pressures up to the relief set pressure of the pressure relief device.

v. A leak is detected if the rate of change in pressure is greater than 6.9 kPa (1 psig) in one hour or if there is visible, audible, or olfactory evidence of fluid loss.

b. The following procedures shall be used to pressure test batch product-process equipment using a liquid to demonstrate compliance.

i. The batch product-process equipment train, or section of the train, shall be filled with the test liquid (e.g., water, alcohol). Once the equipment is filled, the liquid source shall be shut off.

ii. The test shall be conducted for a period of at least 60 minutes, unless it can be determined in a shorter period of time that the test is a failure.

iii. Each seal in the equipment being tested shall be inspected for indications of liquid dripping or other indications of fluid loss. If there are any indications of liquids dripping or of fluid loss, a leak is detected.

iv. If a leak is detected, it shall be repaired and the batch product-process equipment shall be retested before VOCs are fed to the equipment.

v. If the batch product-process equipment fails the retest or the second of two consecutive pressure tests, it

shall be repaired as soon as practicable, but not later than 30 calendar days after the equipment is placed in VOC service.

F. - G.6. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:1102 (October 1994), repromulgated LR 20:1279 (November 1994), amended LR 22:1129 (November 1996), LR 22:1212 (December 1996), repromulgated LR 23:197 (February 1997), amended LR 23:1678 (December 1997), LR 24:22 (January 1998), LR 24:1285 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2453 (November 2000), LR 28:1764 (August 2002), LR 30:1660 (August 2004), repromulgated by the Office of Environmental Assessment, LR 30:2030 (September 2004).

## **Chapter 23. Control of Emissions for Specific Industries<sup>1</sup>**

### **Subchapter B. Aluminum Plants**

#### **§2303. Standards for Horizontal Stud Soderberg Primary Aluminum Plants and Prebake Primary Aluminum Plants**

A. - F.1.d. ...

2. Every horizontal stud Soderberg process primary aluminum plant and prebake process primary aluminum plant shall furnish, upon request to the department, such other data as the administrative authority may require to evaluate the plant's emission control program. Such plants shall immediately report any unauthorized emissions of any air contaminants to the Office of Environmental Compliance in accordance with LAC 33:I.3923.

G. - G.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2455 (November 2000), LR 30:1672 (August 2004).

### **Subchapter D. Nitric Acid Industry**

#### **§2307. Emission Standards for the Nitric Acid Industry**

A. - C.1. ...

a. A four-hour start-up exemption from emission regulations may be authorized by the administrative authority for plants not subject to 40 CFR Part 60, Subpart G, as incorporated by reference in LAC 33:III.Chapter 30, which have been shut down. It is recognized that existing nitrogen oxide abatement equipment is effective only at normal operating temperatures. This provision allows the necessary time to bring up a facility from a cold start to near steady state condition. A report, in writing, explaining the conditions and duration of the start-up and listing the steps

necessary to remedy, prevent, and limit the excess emissions, shall be submitted to the Office of Environmental Compliance, Surveillance Division within seven calendar days of the occurrence using the procedures provided in LAC 33:I.3925.

1.b. - 2. ...

a. A four-hour exemption from emission regulations may be extended by the administrative authority to plants not subject to 40 CFR Part 60, Subpart G, as incorporated by reference in LAC 33:III.Chapter 30, where upsets have caused excessive emissions and on-line operating changes will eliminate a temporary condition. A report, in writing, explaining the conditions and duration of the upset and listing the steps necessary to remedy, prevent, and limit the excess emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division within seven calendar days of the occurrence using the procedures provided in LAC 33:I.3925.

C.2.b. - H.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:1680 (December 1997), LR 24:1286 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2455 (November 2000), LR 30:1672 (August 2004).

## **Chapter 27. Asbestos-Containing Materials in Schools and State Buildings Regulation**

### **§2719. Operations and Maintenance**

A. - F.2.b. ...

c. Provide a prompt notification to the Office of Environmental Compliance of the major fiber release episode in accordance with LAC 33:I.3923 within 24 hours of the discovery of such an episode, and in writing as specified in LAC 33:I.3925 within seven calendar days after the initial notification.

d. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2344 and 40:1749.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 15:735 (September 1989), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:649 (June 1994), LR 22:699 (August 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2456 (November 2000), LR 30:1672 (August 2004).

### **§2723. Management Plans**

A. ...

1. Each local education agency or the state government shall develop an asbestos management plan for each school, including all buildings that are leased, owned, or otherwise used as school or state buildings, and submit the plan to the Office of Environmental Services, Permits Division. After June 20, 1994, each plan must include Form AAC-8, Required Elements for Management Plans (latest revised form can be obtained from the Office of Environmental Services, Permits Division or through the department's website). The plan may be submitted in stages that cover portions of the school or state building under the authority of the local education agency or the state government before the deadline specified in LAC 33:III.2701.C.

A.2. - H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2344 and 40:1749.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 15:735 (September 1989), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:649 (June 1994), LR 22:700 (August 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2457 (November 2000), amended by the Office of Environmental Assessment, LR 30:2021 (September 2004).

#### **§2799. Appendix A—Agent Accreditation Plan**

The duration of initial and refresher training courses is specified in numbers of days. A day of training equals eight consecutive hours, including breaks and lunch.

In several instances, initial training courses for a specific discipline (e.g., workers, inspectors) require hands-on training. For asbestos abatement supervisors and workers, hands-on training should include working with asbestos-substitute materials, fitting and using respirators, use of glove-bags, donning protective clothing, constructing a decontamination unit, as well as other abatement work activities. Hands-on training must permit all supervisors and workers to have actual experience performing tasks associated with asbestos abatement. For inspectors, hands-on training should include conducting a simulated building walk-through inspection and respirator fit testing.

Training requirements for each of the five accredited disciplines are outlined below. Persons in each discipline perform a different job function and distinct role. Inspectors identify and assess the condition of ACBM, or suspect ACBM. Management planners use data gathered by inspectors to assess the degree of hazard posed by ACBM in schools to determine the scope and timing of appropriate response actions needed for schools. Project designers determine how asbestos abatement work should be conducted. Lastly, workers and contractor/supervisors carry out and oversee abatement work. Each accredited discipline and training curriculum is separate and distinct from the others. A person seeking accreditation in any of the five accredited MAP disciplines cannot attend two or more courses concurrently, but may attend such courses

sequentially. All courses, both initial and refresher, shall be completed within 14 days of the commencement of the course.

A. - E.2. ...

a. A completed Asbestos Accreditation Affidavit, Form AAC-1 (which may be obtained from the Office of Environmental Services, Permits Division or through the department's website) that contains:

E.2.a.i. - F. ...

1. Submit the latest revision of the Asbestos Training Organization Recognition Application, Form AAC-3, (which may be obtained from the Office of Environmental Services, Permits Division or through the department's website) requesting approval to train asbestos agents.

2. - 5.k.v. ...

6. Applications for trainer recognition shall be completed using the latest revision of the Asbestos Trainer Recognition Form, AAC-4 (latest revision of the form may be obtained from the Office of Environmental Services, Permits Division or through the department's website). A resume indicating proof of experience as described in Clause F.2.d.ii of this Appendix must be attached. The completed application with applicable fees (LAC 33:III.223) is to be sent to the Office of Environmental Services, Permits Division.

7. - 9.e.iii. ...

[NOTE: Repealed.]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2344 and 40:1749.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 15:735 (September 1989), amended LR 16:397 (May 1990), LR 16:1057 (December 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:649 (June 1994), LR 22:700 (August 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2458 (November 2000), amended by the Office of Environmental Assessment, LR 30:2022 (September 2004).

## **Chapter 28. Lead-Based Paint Activities—Recognition, Accreditation, Licensure, and Standards for Conducting Lead-Based Paint Activities**

### **§2803. Definitions**

A. The terms used in this Chapter are defined in LAC 33:III.111 of these regulations with the exception of those terms specifically defined in this Section as follows.

\*\*\*

*Permanently Covered Soil*—soil that has been separated from human contact by the placement of a barrier consisting of solid, relatively impermeable materials, such as asphalt,

pavement, or concrete. Grass, mulch, and other landscaping materials that are permeable are not considered permanent covering.

*Person*—any individual, partnership, copartnership, firm, company, corporation, association, joint stock company, trust, estate, political subdivision, governmental body, including the state and the federal government and its agencies, or any other legal entity or their legal representatives, agents, or assignees.

*Personal Protection Equipment (PPE)*—specialized clothing and equipment including, but not limited to, respirators, masks, and gloves designed to protect workers against chemical and physical hazards.

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AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054 and 2351 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:1663 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 28:2335 (November 2002), amended by the Office of Environmental Assessment, LR 30:2022 (September 2004).

## **Chapter 51. Comprehensive Toxic Air Pollutant Emission Control Program**

### **Subchapter A. Applicability, Definitions, and General Provisions**

#### **§5107. Reporting Requirements, Availability of Information, and Public Notice Provisions**

A. - B.1. ...

2. Emission Control Bypasses. Except as provided in Paragraph B.6 of this Section, for any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in Table 51.1 of this Chapter or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question, the owner or operator of the source shall provide prompt notification to the Office of Environmental Compliance of the bypass no later than 24 hours after the beginning of the bypass in the manner provided in LAC 33:I.3923. Where the emission control bypass was the result of an upset, the owner or operator shall comply with Paragraph B.3 of this Section.

3. Nonemergency Conditions. Except as provided in Paragraph B.6 of this Section, for any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, the owner or operator of the source shall immediately, but in no case later than 24

hours, provide prompt notification to the Office of Environmental Compliance in the manner provided in LAC 33:I.3923.

B.4. - D.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2060 and 2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1204 (December 1991), amended LR 18:1363 (December 1992), LR 19:890 (July 1993), amended by the Office of the Secretary, LR 19:1022 (August 1993), repromulgated LR 19:1142 (September 1993), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:58 (January 1997), LR 24:1276 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2004 (September 2000), LR 26:2460 (November 2000), LR 29:2778 (December 2003), LR 30:1673 (August 2004).

### **Subchapter M. Asbestos**

#### **§5151. Emission Standard for Asbestos**

A. - F.2. ...

a. provide the Office of Environmental Services, Permits Division with typed notice of intention to demolish or renovate using the latest version of Form AAC-2, Notification of Demolition and Renovation. This form is available from the Office of Environmental Services, Permits Division or through the department's website. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. The use of a prior version of the AAC-2 Form is acceptable unless the department has previously provided the owner or operator with a copy of the current version, or the owner or operator is aware of the latest version.

b. - e. ...

f. provide prompt notification of emergencies in the manner provided in LAC 33:I.3923 immediately, but in no case later than one hour after learning of the incident which will induce emergency demolition or renovation operations:

F.2.f.i. - I. ...

1. deposit all asbestos-containing waste material at a waste disposal site recognized by the department. A completed AAC-7 Form shall have been submitted to the Office of Environmental Services, Permits Division by the disposal facility for prior recognition. Updated information will be required upon request. The latest AAC-7 Form may be obtained from the Office of Environmental Services, Permits Division or through the department's website. The Office of Environmental Services, Permits Division will maintain a current list of recognized asbestos waste disposal sites;

I.2. - P.2.b. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation

Protection, Air Quality Division, LR 17:1204 (December 1991), repealed and repromulgated LR 18:1121 (October 1992), amended LR 20:1277 (November 1994), LR 24:27 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2462 (November 2000), LR 30:1673 (August 2004), amended by the Office of Environmental Assessment, LR 30:2022 (September 2004).

**Title 33**  
**ENVIRONMENTAL QUALITY**  
**Part V. Hazardous Waste and**  
**Hazardous Materials**  
**Subpart 1. Department of**  
**Environmental Quality—Hazardous**  
**Waste**  
**Chapter 1. General Provisions and**  
**Definitions**

**§105. Program Scope**

These rules and regulations apply to owners and operators of all facilities that generate, transport, treat, store, or dispose of hazardous waste, except as specifically provided otherwise herein. The procedures of these regulations also apply to the denial of a permit for the active life of a hazardous waste management facility or TSD unit under LAC 33:V.706. Definitions appropriate to these rules and regulations, including *solid waste* and *hazardous waste*, appear in LAC 33:V.109. Those wastes that are excluded from regulation are found in this Section.

A. - D.1.r.ii. ...

s. spent caustic solutions from petroleum refining liquid treating processes used as a feedstock to produce cresylic or naphthenic acid, unless the material is placed on the land or *accumulated speculatively*, as defined in LAC 33:V.109;

t. hazardous secondary materials used to make zinc fertilizers, provided that the following conditions are satisfied:

i. hazardous secondary materials used to make zinc micronutrient fertilizers must not be *accumulated speculatively*, as defined in LAC 33:V.109;

ii. generators and intermediate handlers of zinc-bearing hazardous secondary materials that are to be incorporated into zinc fertilizers must:

(a). submit a one-time notice to the Office of Environmental Services, Permits Division, that contains the name, address, and EPA ID number of the generator or intermediate handler facility, provides a brief description of the secondary material that will be subject to the exclusion, and identifies when the manufacturer intends to begin managing excluded, zinc-bearing hazardous secondary materials under the conditions specified in this Subparagraph;

(b). store the excluded secondary material in tanks, containers, or buildings that are constructed and maintained in a way that prevents releases of the secondary materials into the environment. At a minimum, any building used for this purpose must be an engineered structure made

of non-earthen materials that provide structural support and must have a floor, walls, and a roof that prevent wind dispersal and contact with rainwater. Tanks used for this purpose must be structurally sound and, if outdoors, must have roofs or covers that prevent contact with wind and rain. Containers used for this purpose must be kept closed except when it is necessary to add or remove material and must be in sound condition. Containers that are stored outdoors must be managed within storage areas that:

(i). have containment structures or systems sufficiently impervious to contain leaks, spills, and accumulated precipitation;

(ii). provide for effective drainage and removal of leaks, spills, and accumulated precipitation; and

(iii). prevent run-on into the containment system;

(c). with each off-site shipment of excluded hazardous secondary materials, provide written notice to the receiving facility that the material is subject to the conditions of this Subparagraph;

(d). maintain, at the generator's or intermediate handler's facility, for no less than three years, records of all shipments of excluded hazardous secondary materials. For each shipment these records must, at a minimum, contain the following information:

(i). the name of the transporter and the date of the shipment;

(ii). the name and address of the facility that received the excluded material and documentation confirming receipt of the shipment; and

(iii). the type and quantity of excluded secondary material in each shipment;

iii. manufacturers of zinc fertilizers or zinc fertilizer ingredients made from excluded hazardous secondary materials must:

(a). store excluded hazardous secondary materials in accordance with the storage requirements for generators and intermediate handlers, as specified in Subclause D.1.t.ii.(b) of this Section;

(b). submit a one-time notification to the Office of Environmental Services, Permits Division, that at a minimum, specifies the name, address, and EPA ID number of the manufacturing facility and identifies when the manufacturer intends to begin managing excluded, zinc-bearing hazardous secondary materials under the conditions specified in this Subparagraph;

(c). maintain, for a minimum of three years, records of all shipments of excluded hazardous secondary materials received by the manufacturer that must, at a minimum, identify for each shipment the name and address of the generating facility, the name of the transporter, the date the materials were received, the quantity received, and a brief description of the industrial process that generated the material; and



(d). submit to the Office of Management and Finance, Financial Services Division, an annual report that identifies the total quantities of all excluded hazardous secondary materials that were used to manufacture zinc fertilizers or zinc fertilizer ingredients in the previous year, the name and address of each generating facility, and the industrial processes from which they were generated;

iv. nothing in this Section preempts, overrides, or otherwise negates the provision in LAC 33:V.1103 that requires any person who generates a solid waste to determine if that waste is a hazardous waste; and

v. interim status and permitted storage units that have been used to store only zinc-bearing hazardous wastes prior to the submission of the one-time notice described in Subclause D.1.t.iii.(b) of this Section, and that afterward will be used only to store hazardous secondary materials excluded under this Subparagraph, are not subject to the closure requirements of LAC 33:V.Chapters 9, 15, 17, 19, 21, 23, 25, 27, 28, 29, 31, 32, 33, 35, 37 and 43;

u. zinc fertilizers made from hazardous wastes or hazardous secondary materials that are excluded under this Paragraph, provided that:

i. the fertilizer meets the following contaminant limits:

(a). for metal contaminants:

Constituent	Maximum Allowable Total Concentration in Fertilizer, per Unit (1%) of Zinc (ppm)
Arsenic	0.3
Cadmium	1.4
Chromium	0.6
Lead	2.8
Mercury	0.3

(b). for dioxin contaminants, the fertilizer must contain no more than 8 parts per trillion of dioxin, measured as toxic equivalent (TEQ);

ii the manufacturer performs sampling and analysis of the fertilizer product to determine compliance with the contaminant limits for metals no less than every 6 months, and for dioxins no less than every 12 months. Testing must also be performed whenever changes occur to manufacturing processes or ingredients that could significantly affect the amounts of contaminants in the fertilizer product. The manufacturer may use any reliable analytical method to demonstrate that no constituent of concern is present in the product at a concentration above the applicable limit. It is the responsibility of the manufacturer to ensure that the sampling and analysis are unbiased, precise, and representative of the products introduced into commerce; and

iii the manufacturer maintains, for no less than three years, records of all sampling and analyses performed for purposes of determining compliance with the

requirements of Clause D.1.u.ii of this Section. Such records must, at a minimum, include:

(a). the dates and times product samples were taken and the dates the samples were analyzed;

(b). the names and qualifications of the persons taking the samples;

(c). a description of the methods and equipment used to take the samples;

(d). the name and address of the laboratory facility at which analyses of the samples were performed;

(e). a description of the analytical methods used, including any cleanup and sample preparation; and

(f). all laboratory analytical results used to determine compliance with the contaminant limits specified in this Subparagraph.

D.2. - O.2.c.vi. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 11:1139 (December 1985), LR 12:319 (May 1986), LR 13:84 (February 1987), LR 13:433 (August 1987), LR 13:651 (November 1987), LR 14:790 (November 1988), LR 15:181 (March 1989), LR 16:47 (January 1990), LR 16:217 (March 1990), LR 16:220 (March 1990), LR 16:398 (May 1990), LR 16:614 (July 1990), LR 17:362 (April 1991), LR 17:368 (April 1991), LR 17:478 (May 1991), LR 17:883 (September 1991), LR 18:723 (July 1992), LR 18:1256 (November 1992), LR 18:1375 (December 1992), amended by the Office of the Secretary, LR 19:1022 (August 1993), amended by the Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 20:1000 (September 1994), LR 21:266 (March 1995), LR 21:944 (September 1995), LR 22:813 (September 1996), LR 22:831 (September 1996), amended by the Office of the Secretary, LR 23:298 (March 1997), amended by the Office of Solid And Hazardous Waste, Hazardous Waste Division, LR 23:564 (May 1997), LR 23:567 (May 1997), LR 23:721 (June 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:952 (August 1997), LR 23:1511 (November 1997), LR 24:298 (February 1998), LR 24:655 (April 1998), LR 24:1093 (June 1998), LR 24:1687 (September 1998), LR 24:1759 (September 1998), LR 25:431 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:268 (February 2000), LR 26:2464 (November 2000), LR 27:291 (March 2001), LR 27:706 (May 2001), LR 29:317 (March 2003), LR 30:1680 (August 2004).

## Chapter 3. General Conditions for Treatment, Storage, and Disposal Facility Permits

### §303. Overview of the Permit Program

A. - A.1. ...

2. No later than 90 days after the promulgation or revision of these regulations, all generators and transporters of hazardous waste, and all owners or operators of hazardous waste treatment, storage, or disposal facilities must file or

have on file a notification of that activity using Notification Form HW-1, available from the Office of Environmental Services, Permits Division or through the department's website. For generators of hazardous waste, the Notification Form HW-1 shall be deemed a registration upon acceptance and approval by the administrative authority.

A.3. - Q. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 14:790 (November 1988), LR 16:220 (March 1990), LR 17:478 (May 1991), LR 17:658 (July 1991), LR 20:1000 (September 1994), LR 21:564 (June 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2466 (November 2000), LR 27:708 (May 2001), amended by the Office of Environmental Assessment, LR 30:2023 (September 2004).

## Chapter 11. Generators

### Subchapter A. General

#### §1109. Pre-Transport Requirements

A. - E.7.d.iv.(b). ...

(c). in the event of a fire, explosion, or other release that could threaten human health outside the facility or when the generator has knowledge that a spill has reached surface water, the generator must immediately notify the Office of Environmental Compliance in accordance with LAC 33:I.3923.

7.e. - 12. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 13:433 (August 1987), LR 16:47 (January 1990), LR 16:220 (March 1990), LR 16:1057 (December 1990), LR 17:658 (July 1991), LR 18:1256 (November 1992), LR 18:1375 (December 1992), LR 20:1000 (September 1994), LR 20:1109 (October 1994), LR 21:266 (March 1995), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1693 (September 1998), LR 25:437 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1466 (August 1999), LR 26:277 (February 2000), LR 26:2470 (November 2000), LR 27:293 (March 2001), LR 27:709 and 716 (May 2001), LR 27:1014 (July 2001), LR 30:1673 (August 2004).

## Chapter 19. Tanks

#### §1913. Response to Leaks or Spills and Disposition of Leaking or Unfit-for-Use Tank Systems

A tank system or secondary containment system from which there has been a leak or spill, or which is unfit for use, must be removed from service immediately, and the owner or operator must satisfy the following requirements.

A. - C.2. ...

#### D. Notifications, Reports (LAC 33:V.105.A)

1. Any release to the environment, except as provided in LAC 33:V.1913.D.2, must be reported to the Office of Environmental Compliance in accordance with LAC 33:I.3923 within 24 hours of its detection. If the release has been reported in accordance with LAC 33:V.105.J, that report will satisfy this requirement.

D.2. - F.NOTE ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 13:651 (November 1987), LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2475 (November 2000), LR 30:1673 (August 2004).

## Chapter 22. Prohibitions on Land Disposal

### Subchapter A. Land Disposal Restrictions

#### §2223. Applicability of Treatment Standards

A. - H. ...

I. Effective September 4, 1998, the treatment standards for the wastes specified in LAC 33:V.4901.D as EPA Hazardous Waste Numbers P185, P191, P192, P197, U364, U394, and U395 may be satisfied by either meeting the constituent concentrations presented in LAC 33:V.2299.Appendix, Table 2, Treatment Standards for Hazardous Wastes, or by treating the waste by the following technologies: combustion, as defined by the technology code CMBST in LAC 33:V.2299.Appendix, Table 3, for nonwastewaters; and biodegradation as defined by the technology code BIODG, carbon adsorption as defined by the technology code CARBN, chemical oxidation as defined by the technology code CHOXD, or combustion as defined as technology code CMBST in LAC 33:V.2299.Appendix, Table 3, for wastewaters.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 15:378 (May 1989), amended LR 16:1057 (December 1990), LR 17:658 (July 1991), LR 21:266 (March 1995), LR 22:22 (January 1996), LR 22:819 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:668 (April 1998), LR 24:1726 (September 1998), LR 25:443 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:280 (February 2000), LR 30:1682 (August 2004).

### Subchapter B. Hazardous Waste Injection Restrictions

#### §2271. Exemptions to Allow Land Disposal of a Prohibited Waste by Deep Well Injections

A. - T.1. ...

a. notify the Office of Environmental Compliance in the manner provided in LAC 33:I.3923 within 24 hours of obtaining such evidence;

T.1.b. - Z. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 22:22 (January 1996), amended LR 23:299 (March 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2479 (November 2000), LR 30:1674 (August 2004).

§2299. Appendix – Tables 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Table 2. Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory <sup>1</sup>	Regulated Hazardous Constituent		Wastewaters	Non-wastewaters
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/L <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/L TCLP" or Technology Code <sup>4</sup>
* * * [See Prior Text in D001 <sup>9</sup> – D005 <sup>9</sup> ]					
D006 <sup>9</sup>	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for cadmium based on the toxicity characteristic leaching procedure (TCLP) in SW846	Cadmium	7440-43-9	0.69 and meet LAC 33:V.2233 standards <sup>8</sup>	0.11 mg/L TCLP and meet LAC 33:V.2233 standards <sup>8</sup>
	Cadmium-Containing Batteries Subcategory (Note: This subcategory consists of nonwastewaters only.)	Cadmium	7440-43-9	NA	RTHRM
	Radioactively contaminated cadmium-containing batteries (Note: This subcategory consists of nonwastewaters only.)	Cadmium	7440-43-9	NA	Macroencapsulation, in accordance with LAC 33:V.2230
* * * [See Prior Text in D007 <sup>9</sup> - D008 <sup>9</sup> ]					
D009 <sup>9</sup>	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on the toxicity characteristic leaching procedure (TCLP) in SW846; and contain greater than or equal to 260 mg/kg total mercury that also contain organics and are not incinerator residues (High Mercury-Organic Subcategory)	Mercury	7439-97-6	NA	IMERC; OR RMERC
	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on the toxicity characteristic leaching procedure (TCLP) in SW846; and contain greater than or equal to 260 mg/kg total mercury that are inorganic, including incinerator residues and residues from RMERC (High Mercury-Inorganic Subcategory)	Mercury	7439-97-6	NA	RMERC
	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on the toxicity characteristic leaching procedure (TCLP) in SW846; and contain less than 260 mg/kg total mercury and that are residues from RMERC only (Low Mercury Subcategory)	Mercury	7439-97-6	NA	0.20 mg/L TCLP and meet LAC 33:V.2233 standards <sup>8</sup>

Table 2. Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory <sup>1</sup>	Regulated Hazardous Constituent		Wastewaters	Non-wastewaters
		Common Name	CAS <sup>2</sup> Number	Concentration in mg/L <sup>3</sup> ; or Technology Code <sup>4</sup>	Concentration in mg/kg <sup>5</sup> unless noted as "mg/L TCLP" or Technology Code <sup>4</sup>
	All other nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on the toxicity characteristic leaching procedure (TCLP) in SW846; and contain less than 260 mg/kg total mercury and that are not residues from RMERC (Low Mercury Subcategory)	Mercury	7439-97-6	NA	0.025 mg/L TCLP and meet LAC 33:V.2233 standards <sup>8</sup>
	All D009 wastewaters	Mercury	7439-97-6	0.15 and meet LAC 33:V.2233 standards <sup>8</sup>	NA
	Elemental mercury contaminated with radioactive materials (Note: This subcategory consists of nonwastewaters only.)	Mercury	7439-97-6	NA	AMLGM
	Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory (Note: This subcategory consists of nonwastewaters only.)	Mercury	7439-97-6	NA	IMERC
	Radioactively contaminated mercury-containing batteries (Note: This subcategory consists of nonwastewaters only.)	Mercury	7439-97-6	NA	Macroencapsulation, in accordance with LAC 33:V.2230
* * *					
[See Prior Text in D010 <sup>9</sup> ]					
D011 <sup>9</sup>	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for silver based on the toxicity characteristic leaching procedure (TCLP) in SW846	Silver	7440-22-4	0.43 and meet LAC 33:V.2233 standards <sup>8</sup>	0.14 mg/L TCLP and meet LAC 33:V.2233 standards <sup>8</sup>
	Radioactively contaminated silver-containing batteries (Note: This subcategory consists of nonwastewaters only.)	Silver	7440-22-4	NA	Macroencapsulation, in accordance with LAC 33:V.2230
* * *					
[See Prior Text in D012 <sup>9</sup> -U411]					

Footnotes 1. - 12. ...

Tables 3. - 12. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 16:1057 (December 1990), amended LR 17:658 (July 1991), LR 21:266 (March 1995), LR 22:22 (January 1996), LR 22:834 (September 1996), LR 23:566 (May 1997), LR 24:301 (February 1998), LR 24:670 (April 1998), LR 24:1732 (September 1998), LR 25:451 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:282 (February 2000), LR 27:295 (March 2001), LR 29:322 (March 2003), LR 30:1682 (August 2004).

## Chapter 28. Drip Pads

### §2805. Design and Operating Requirements

Owners and operators of drip pads must ensure that the pads are designed, installed, and operated in accordance with LAC 33:V.2805.A or C.

A. - N.1.c. ...

d. within 24 hours after discovery of the condition, notify the Office of Environmental Compliance in accordance with LAC 33:I.3923 and, within 10 working days, provide written notice to the Office of Environmental Compliance using the procedures provided in LAC 33:I.3925.B and C, including a description of the steps that will be taken to repair the drip pad and clean up any leakage, and the schedule for accomplishing this work.

N.2. - P. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 18:1375 (December 1992), amended LR 21:266 (March 1995), LR 21:944 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2482 (November 2000), LR 30:1674 (August 2004).

## Chapter 29. Surface Impoundments

### §2909. Emergency Repairs; Contingency Plans

A. - B.5. ...

6. notify the Office of Environmental Compliance of the problem in accordance with LAC 33:I.3923 within 24 hours of detection and in writing using the procedures provided in LAC 33:I.3925 within seven days after detecting the problem.

C. - E. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2180 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2483 (November 2000), LR 30:1674 (August 2004).

## Chapter 37. Financial Requirements

### Subchapter F. Financial and Insurance Instruments

#### §3719. Wording of the Instruments

A. - C. ...

D. Letter of Credit. A letter of credit, as specified in LAC 33:V.3707.D or 3711.D or 4403.C or 4407.C must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted.

#### IRREVOCABLE STANDBY LETTER OF CREDIT

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division  
Dear [Sir or Madam]:

\*\*\*

[See Prior Text in Letter]

E. ...

F. Closure Guarantee. A letter from the chief financial officer, as specified in LAC 33:V.3707.F.3 or 3711.F.3 or 4403.E.3 or 4407.E.3 must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted.

#### LETTER FROM CHIEF FINANCIAL OFFICER

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division  
Dear [Sir or Madam]:

\*\*\*

[See Prior Text in Letter]

G. Liability Coverage Guarantee. A letter from the chief financial officer, as specified in LAC 33:V.3715.F or 4411, must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted.

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division  
Dear [Sir or Madam]:

\*\*\*

[See Prior Text in Letter]

#### H. Corporate Guarantees

1. A corporate guarantee, as specified in LAC 33:V.3707.F or 3711.F or 4403.E or 4407.E must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the bracket deleted.

#### CORPORATE GUARANTEE FOR CLOSURE OR POST-CLOSURE CARE

Guarantee made this [date] by [name of guaranteeing entity], a business corporation organized under the laws of the State of [insert name of State], herein referred to as guarantor, to the Louisiana Department of Environmental Quality, obligee, on behalf of [owner or operator] of [business address], which is [one of the following: "our subsidiary"; "a subsidiary of (name and address of common parent corporation), of which guarantor is a subsidiary"; or "an entity with which guarantor has a substantial business relationship, as defined in LAC 33:V.3703.A.8 or 4399"]].

\*\*\*

[See Prior Text in Guarantee]

#### H.2. - J. ...

K. Letter of Credit. A letter of credit, as specified in LAC 33:V.3715 or 4411, must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted.

#### Irrevocable Standby Letter of Credit

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division  
Dear [Sir or Madam]:

\*\*\*

[See Prior Text in Letter]

#### L. - N.2. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2180.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 11:686 (July 1985), LR 13:433 (August 1987), LR 13:651 (November 1987), LR 16:47 (January 1990), LR 18:723 (July 1992), LR 21:266 (March 1995), LR 22:835 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1514 (November 1997), repromulgated LR 23:1684 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2493 (November 2000), amended by the Office of Environmental Assessment, LR 30:2023 (September 2004).

## Chapter 41. Recyclable Materials

### §4101. Applicability

A. - C. ...

D. Upon transport of a recyclable material from the generation site and out of the direct control of the generator, the owner of the recyclable material shall notify the Office of Environmental Compliance in the manner provided in LAC 33:I.3923 within 24 hours of any determination that the material shall not be used, reused, or recycled. Following such a determination the recyclable material is no longer considered a recyclable material and is fully subject to all requirements of these regulations.

E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 11:988 (October 1985), amended LR 11:1139 (December 1985), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2498 (November 2000), LR 30:1674 (August 2004).

### §4107. Spills

A. Any spill of recyclable material that could possibly endanger human health or adversely affect the environment shall be reported to the department in accordance with LAC 33:I.Chapter 39.

B. - C. ...

D. Whenever a spill of recyclable material occurs that requires immediate removal to protect human health or the environment, the transporter shall immediately notify the Office of Environmental Compliance in accordance with LAC 33:I.3923.

E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 11:988 (October 1985), amended LR 11:1139 (December 1985), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2498 (November 2000), LR 30:1674 (August 2004).

## Subchapter C. Special Requirements for Group III Recyclable Materials

### §4139. Recyclable Materials Used in a Manner Constituting Disposal

A. - A.2. ...

a. the recyclable materials have undergone a chemical reaction in the course of producing the products so as to become inseparable by physical means; and

b. such products meet the applicable treatment standards in LAC 33:V.Chapter 22.Subchapter B (or applicable prohibition levels in LAC 33:V.2209 or 2213, where no treatment standards have been established) for each recyclable material (i.e., hazardous waste constituent) that they contain.

3. Fertilizers that contain recyclable materials are not subject to regulation provided that:

a. they are zinc fertilizers excluded from the definition of *solid waste* according to LAC 33:V.105.D.1.u; or

b. they meet the applicable treatment standards in LAC 33:V.2223 for each hazardous waste that they contain.

4. Anti-skid/de-icing uses of slags, which are generated from high temperature metals recovery (HTMR) processing of hazardous wastes K061, K062, and F006, in a manner constituting disposal are not covered by the exemption in Paragraph A.3 of this Section and remain subject to regulation.

B. - B.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 11:988 (October 1985), amended LR 11:1139 (December 1985), LR 15:378 (May 1989), LR 16:220 (March 1990), LR 17:367 (April 1991), LR 17:658 (July 1991), LR 20:1000 (September 1994), LR 22:21 (January 1996), repromulgated LR 22:100 (February 1996), amended LR 23:566 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1743 (September 1998); amended by the Office of Environmental Assessment, Environmental Planning Division, LR 30:1684 (August 2004).

## Chapter 42. Conditional Exemption for Low-Level Mixed Waste Storage and Disposal

### §4211. How Could You Lose the Conditional Exemption for Your LLMW and What Action Must You Take?

A. - A.1.c. ...

2. If the failure to meet any of the conditions may endanger human health or the environment, you must also promptly notify the Office of Environmental Compliance in accordance with LAC 33:I.3923 and submit a written report

within five days using the procedures provided in LAC 33:I.3925.B and C. Failures that may endanger human health or the environment include, but are not limited to, discharge of a CERCLA reportable quantity or other leaking or exploding tanks or containers or detection of radionuclides above background or hazardous constituents in the leachate collection system of a storage area. If the failure may endanger human health or the environment, you must follow the provisions of your emergency plan.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:1006 (May 2002), amended LR 28:2181 (October 2002), LR 30:1674 (August 2004).

**§4241. How Could You Lose the Transportation and Disposal Conditional Exemption for Your Waste and What Actions Must You Take?**

A. - A.1.c. ...

2. If the failure to meet any of the conditions may endanger human health or the environment, you must also promptly notify the Office of Environmental Compliance in accordance with LAC 33:I.3923 and submit a written report within five days using the procedures provided in LAC 33:I.3925.B and C.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:1008 (May 2002), amended LR 28:2181 (October 2002), LR 30:1675 (August 2004).

## **Chapter 53. Military Munitions**

### **§5309. Standards Applicable to the Storage of Solid Waste Military Munitions**

A. - A.1.d. ...

e. the owner or operator must provide prompt notice to the Office of Environmental Compliance in the manner provided in LAC 33:I.3923 within 24 hours from the time the owner or operator becomes aware of any loss or theft of the waste military munitions or any failure to meet a condition of Paragraph A.1 of this Section that may endanger health or the environment. In addition, a written submission, using the procedures provided in LAC 33:I.3925, describing the circumstances shall be provided within five days from the time the owner or operator becomes aware of any loss or theft of the waste military munitions or any failure to meet a condition of Paragraph A.1 of this Section;

A.1.f. - E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Waste Services, Hazardous Waste Division, LR 24:1757 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2510 (November 2000), LR 30:1675 (August 2004).

**Title 33**  
**ENVIRONMENTAL QUALITY**  
**Part VI. Inactive and Abandoned**  
**Hazardous Waste and Hazardous**  
**Substance Site Remediation**  
**Chapter 2. Site Discovery and**  
**Evaluation**

**§201. Site Discovery**

A. Site Discovery Reporting Requirements. As part of a program to identify inactive or uncontrolled contaminated sites, the owner, operator, or other responsible person shall report to the Office of Environmental Compliance within 24 hours, in the manner provided in LAC 33:I.3923, any sites where hazardous substances have been, or could have been, disposed of or discharged. This Section sets forth the requirements for reporting such sites.

B. - B.1.d. ...

2. The department must be notified regardless of whether the contaminants were discovered before or after the effective date of these regulations.

3. The department shall be notified in writing, using the procedures provided in LAC 33:I.3925.B and C, within 30 calendar days of the discovery of the discharge or disposal of any hazardous substance at an inactive or uncontrolled site. The date that the department was officially notified shall be determined as follows:

3.a. - 5.f. ...

C. Voluntary Reporting. In addition to the mandatory reporting by those persons listed under Subsection B of this Section, all members of the public are encouraged to report to the department any suspected discharge, disposal, or

presence of any hazardous substance at any inactive or uncontrolled site. This voluntary reporting can be made by contacting the Office of Environmental Compliance in the manner provided in LAC 33:I.3923.

D. - D.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2171 et seq., 2221 et seq., and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2182 (November 1999), amended LR 26:2511 (November 2000), LR 28:1762 (August 2002), LR 30:1675 (August 2004).

**Chapter 9. Voluntary Remediation**

**§911. Application Process**

A. ...

1. a Voluntary Remedial Investigation Application Form VCP001, available from the Office of Environmental Assessment, Remediation Services Division and on the department's website, with required attachments, accompanied by the remedial investigation work plan review fee; and

A.2. - B. ...

1. a Voluntary Remediation Application Form VCP002, available from the Office of Environmental Assessment, Remediation Services Division and on the department's website, with required attachments, accompanied by the remedial action plan review fee;

B.2. - H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular R.S. 30:2285 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 27:516 (April 2001), amended by the Office of Environmental Assessment, LR 30:2024 (September 2004).



## Title 33 ENVIRONMENTAL QUALITY

### Part VII. Solid Waste

#### Subpart 1. Solid Waste Regulations

#### Chapter 3. Scope and Mandatory Provisions of the Program

##### §315. Mandatory Provisions

All persons conducting activities regulated under these regulations shall comply with the following provisions.

A. - J. ...

K. Reporting of Unauthorized Discharge. Any discharge, deposit, injection, spill, dumping, leaking, or placing of solid waste into or on the water, air, or land of the state in contravention of the act, these regulations, or the terms and conditions of a permit issued thereunder, or any accident, fire, explosion, or other emergency that results in such unauthorized solid waste discharge, shall be reported by any person causing, allowing, or suffering said discharge or by any person with knowledge of the discharge to the Office of Environmental Compliance in accordance with LAC 33:I.Chapter 39.

L. ...

M. Notice of Damage to Structures in a Solid Waste Facility. The Office of Environmental Compliance shall be notified within 48 hours, in the manner provided in LAC 33:I.3923, when damage to or degradation of any structure of a solid waste facility occurs that would impair the ability of the facility to meet the conditions of its permit.

N. - R.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 19:1143 (September 1993), LR 19:1315 (October 1993), repromulgated LR 19:1421 (November 1993), amended LR 22:279 (April 1996), amended by the Office of Waste Services, Solid Waste Division, LR 23:954 (August 1997), LR 23:1145 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2516 (November 2000), LR 30:1675 (August 2004).

#### Chapter 5. Solid Waste Management System

#### Subchapter A. Administration, Classification, and Inspection Procedures

##### §503. Notification

A. Notification

1. Except as provided for in Paragraph A.2 of this Section, persons who generate industrial solid waste and/or persons who transport, process, or dispose of solid waste shall, within 30 days after they become subject to these regulations, notify the Office of Environmental Services, Permits Division in writing of such activity. A form to be used for notification shall be obtained from the Office of Environmental Services, Permits Division or through the department's website.

2. - 3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2517 (November 2000), amended by the Office of Environmental Assessment, LR 30:2024 (September 2004).

#### Subchapter B. Permit System for Facilities Classified for Upgrade or Closure

##### §513. Permit Process for Existing Facilities Classified for Upgrade and for Proposed Facilities

A. Applicant Public Notice

1. No sooner than 45 days prior to the submittal of a standard permit application to the Office of Environmental Services, Permits Division, the prospective applicant shall publish a notice of intent to submit an application for a standard permit. This notice shall be published one time as a single classified advertisement measuring three columns by five inches, in the legal or public notices section of the official journal of this state and in a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches, in the legal or public notices section of the official journal of the state will be the only public notice required.

A.2. - F.2. ...

3. After the five copies are submitted to the Office of Environmental Services, Permits Division, notices will be placed in the department's bulletin (if one is available), the official journal of the state, and in a major local newspaper of general circulation. The Office of Environmental Services, Permits Division shall publish a notice of acceptance for review one time as a single classified advertisement measuring three columns by five inches in the legal or public notices section of the official journal of the state and one time as a classified advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches in the official journal of the state will be the only public notice required. The notices will solicit comment from interested individuals and groups. Comments received by the administrative authority within 30 days after the date the notice is published in the local newspaper will be

reviewed by the Office of Environmental Services, Permits Division. The notice shall be published in accordance with the sample public notice provided by the Office of Environmental Services, Permits Division. The applicant is responsible for providing the Office of Environmental Services, Permits Division with proof of publication.

4. - 5. ...

6. Public Notice of a Public Hearing. If the administrative authority determines that a hearing is necessary, notices will be published at least 20 days before a fact-finding hearing in the official journal of the state and in a major local newspaper of general circulation. The notice shall be published one time as a single classified advertisement measuring three columns by five inches in the legal or public notices section of the official journal of the state and one time as classified advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches in the official journal of the state will be the only public notice required. Those persons on the Office of Environmental Services, Permits Division's mailing list for hearings shall be mailed notice of the hearing at least 20 days before a public hearing. A notice shall also be published in the departmental bulletin, if available.

F.7. - G.2. ...

H. Public Notice of Permit Issuance. No later than 10 days following the issuance of a standard permit, the permit holder shall publish a notice of the issuance of the standard permit. This notice shall be published in the official journal of the state and in a major local newspaper of general circulation. The notice shall be published one time as a single classified advertisement measuring three columns by five inches in the legal or public notices section of the official journal of the state, and one time as a classified advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches in the official journal of the state will be the only public notice required.

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2519 (November 2000), amended by the Office of Environmental Assessment, LR 30:2032 (September 2004).

#### **§517. Permit Modifications**

A. - A.2.c. ...

d. After distribution of the permit modification, the permit holder is responsible for placing a notice in the official journal of the state and in a major local newspaper of general circulation. The notice shall be published one time as a single classified advertisement measuring three columns by five inches in the legal or public notices section of the official journal of the state, and one time as a classified

advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches in the official journal of the state will be the only public notice required. The notice will solicit comments from interested individuals and groups. Comments delivered or received within 30 days after the date the notices are published will be reviewed by the Office of Environmental Services, Permits Division. The notice shall be published in accordance with a sample public notice provided by the Office of Environmental Services, Permits Division. The permit holder is responsible for providing the Office of Environmental Services, Permits Division with proof of publication of the notice.

2.e. - 4. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2014.2.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, LR 25:661 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2520 (November 2000), amended by the Office of Environmental Assessment, LR 30:2033 (September 2004).

## **Chapter 7. Solid Waste Standards**

### **Subchapter A. General Standards**

#### **§701. Standards Governing Industrial Solid Waste Generators**

A. - A.1. ...

2. The generator's annual report shall name the transporter(s) who removed the industrial solid waste from the generator's site and the permitted solid waste processing or disposal facility or facilities that processed or disposed of the waste. The form to be used shall be obtained from the department or through the department's website.

A.3. - B.3. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2521 (November 2000), repromulgated LR 27:703 (May 2001), amended by the Office of Environmental Assessment, LR 30:2024 (September 2004).

### **Subchapter B. Landfills, Surface Impoundments, Landfarms**

#### **§711. Standards Governing Landfills (Type I and II)**

A. - C.1.a. ...

i. The permit holder shall submit annual reports to the Office of Management and Finance, Financial Services Division indicating quantities and types of solid waste (expressed in wet-weight tons per year), received from in-state generators and from out-of-state generators, during

the reporting period. The annual report shall also indicate the estimated remaining permitted capacity at the facility as of the end of the reporting period (expressed in wet-weight tons). All calculations used to determine the amounts of solid waste received for disposal during the annual-reporting period and to determine remaining capacity shall be submitted to the administrative authority. A form to be used for this purpose must be obtained from the Office of Management and Finance, Financial Services Division or through the department's website.

C.1.a.ii. - D.3.a.iii. ...

(a). immediately take all necessary steps to ensure protection of human health and notify the Office of Environmental Compliance in the manner provided in LAC 33:I.3923;

(b). within 30 days of detection, submit a remediation plan to the Office of Environmental Assessment, Environmental Technology Division for the methane gas releases. The plan shall describe the nature and extent of the problems and the proposed remedy and shall include an implementation schedule. The plan must be implemented within 60 days of detection.

iv. The permit holder shall make prompt notification to the Office of Environmental Compliance in accordance with LAC 33:I.3923 when strong odors occur at facility boundaries.

D.3.a.v. - F.3.d. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 19:1143 (September 1993), repromulgated LR 19:1316 (October 1993), amended by the Office of the Secretary, LR 24:2251 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2523 (November 2000), repromulgated LR 27:704 (May 2001), amended LR 30:1676 (August 2004), amended by the Office of Environmental Assessment, LR 30:2024 (September 2004).

### **§713. Standards Governing Surface Impoundments (Type I and II)**

A. - C.1.a. ...

i. The permit holder shall submit annual reports to the Office of Management and Finance, Financial Services Division indicating quantities and types of solid waste (expressed in wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. If applicable, the annual report shall also indicate the estimated remaining permitted capacity at the facility as of the end of the reporting period (expressed in wet-weight tons). All calculations used to determine the amounts of solid waste received for disposal and to determine remaining capacity during the annual-reporting period shall be submitted to the administrative authority. A form to be used for this purpose must be obtained from the Office of Management and Finance, Financial Services Division or through the department's website.

C.1.a.ii. - D.3.a.iii. ...

(a). immediately take all necessary steps to ensure protection of human health and notify the Office of Environmental Compliance in the manner provided in LAC 33:I.3923;

(b). within 30 days of detection, submit a remediation plan for the methane gas releases to the Office of Environmental Assessment, Environmental Technology Division. The plan shall describe the nature and extent of the problem and the proposed remedy, and shall include an implementation schedule. The plan must be implemented within 60 days of detection.

iv. The permit holder shall make prompt notification to the Office of Environmental Compliance in accordance with LAC 33:I.3923 when strong odors occur at facility boundaries or when methane gas levels exceed the limit specified in Clause D.3.a.ii of this Section.

D.3.a.v. - F.2.b.iv. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), repromulgated LR 19:1316 (October 1993), amended by the Office of the Secretary, LR 24:2251 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2524 (November 2000), repromulgated LR 27:704 (May 2001), amended LR 30:1676 (August 2004), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004).

### **§715. Standards Governing Landfarms (Type I and II)**

A. - C.1.a. ...

i. The permit holder shall submit annual reports to the Office of Management and Finance, Financial Services Division indicating quantities and types of solid waste (expressed in wet-weight and dry-weight tons per year) received from in-state generators and from out-of-state generators during the reporting period. The annual report shall also indicate the estimated remaining permitted capacity at the facility as of the end of the reporting period (expressed in wet-weight tons). All calculations used to determine the amounts of solid waste received for disposal during the annual-reporting period shall be submitted to the administrative authority. A form to be used for this purpose must be obtained from the Office of Management and Finance, Financial Services Division or through the department's website.

C.1.a.ii. - D.3.a.iii. ...

(a). immediately take all necessary steps to ensure protection of human health and notify the Office of Environmental Compliance in the manner provided in LAC 33:I.3923;

(b). within 60 days of detection, submit a remediation plan for the methane gas releases to the Office of Environmental Assessment, Environmental Technology Division. The plan shall describe the nature and extent of the

problem and the proposed remedy, and shall include an implementation schedule.

iv. The permit holder shall make prompt notification to the Office of Environmental Compliance in accordance with LAC 33:I.3923 when strong odors occur at facility boundaries.

D.3.a.v. - F.3.b. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), repromulgated LR 19:1316 (October 1993), amended by the Office of the Secretary, LR 24:2251 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2525 (November 2000), repromulgated LR 27:704 (May 2001), amended LR 30:1676 (August 2004), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004).

## Subchapter C. Solid Waste Processors

### §717. Standards Governing All Solid Waste Processors (Type I-A and II-A)

A. - F.1.a. ...

i. The permit holder shall submit annual reports to the Office of Management and Finance, Financial Services Division indicating quantities and types of solid waste (expressed in wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. All calculations used to determine the amounts of solid waste received for processing during the annual-reporting period shall be submitted to the administrative authority. A form to be used for this purpose must be obtained from the Office of Management and Finance, Financial Services Division or through the department's website.

F.1.a.ii. - I.3. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2526, 2610 (November 2000), repromulgated LR 27:704 (May 2001), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004).

## Subchapter D. Minor Processing and Disposal Facilities

### §721. Construction and Demolition Debris and Woodwaste Landfills and Processing Facilities (Type III)

A. - B.1.a. ...

i. The permit holder shall submit annual reports to the Office of Management and Finance, Financial Services Division indicating quantities and types of solid

waste (expressed in wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. All calculations used to determine the amounts of solid waste received for processing or disposal during the annual-reporting period shall be submitted to the administrative authority. A form to be used for this purpose must be obtained from the Office of Management and Finance, Financial Services Division or through the department's website.

B.1.a.ii. - E.3. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 20:1001 (September 1994), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2527 (November 2000), repromulgated LR 27:705 (May 2001), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004).

### §723. Composting Facilities (Type III)

A. - B.1.a. ...

i. The permit holder shall submit annual reports to the Office of Management and Finance, Financial Services Division indicating quantities and types of solid waste (expressed in wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. All calculations used to determine the amounts of solid waste received for processing during the annual-reporting period shall be submitted to the administrative authority. A form to be used for this purpose must be obtained from the Office of Management and Finance, Financial Services Division or through the department's website.

B.1.a.ii. - D.3. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 20:1001 (September 1994), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2528 (November 2000), repromulgated LR 27:705 (May 2001), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004).

### §725. Separation and Woodwaste Processing Facilities (Type III)

A. - B.1.a. ...

i. The permit holder shall submit annual reports to the Office of Management and Finance, Financial Services Division indicating quantities and types of solid waste (expressed in wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. All calculations used to determine the amounts of solid waste received for processing during the

annual-reporting period shall be submitted to the administrative authority. A form to be used for this purpose must be obtained from the Office of Management and Finance, Financial Services Division or through the department's website.

B.1.a.ii. - D.3. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 20:1001 (September 1994), LR 22:280 (April 1996), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2528 (November 2000), repromulgated LR 27:705 (May 2001), amended by the Office of Environmental Assessment, LR 30:2026 (September 2004).

## Subchapter E. Financial Assurance for All Processors and Disposers of Solid Waste

### §727. Financial Assurance

A. - A.1.d.i.(c).(vi). ...

(d). the wording of the liability endorsement shall be identical to the wording that follows, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

#### **SOLID WASTE FACILITY LIABILITY ENDORSEMENT**

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division

Dear Sir:

\*\*\*

[See Prior Text in Endorsement]

(e). the wording of the certificate of insurance shall be identical to the wording that follows, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

#### **SOLID WASTE FACILITY CERTIFICATE OF LIABILITY INSURANCE**

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division

Dear Sir:

\*\*\*

[See Prior Text in Certificate]

1.d.ii. - 1.d.ii.(d). ...

(e). The wording of the letter of credit shall be identical to the wording that follows, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

#### **SOLID WASTE FACILITY IRREVOCABLE LETTER OF CREDIT**

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division

Dear Sir:

\*\*\*

[See Prior Text in Certificate]

1.d.iii. - 2.g.vii. ...

viii. The wording of the letter of credit shall be identical to the wording that follows, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

#### **SOLID WASTE FACILITY IRREVOCABLE LETTER OF CREDIT**

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division

Dear Sir:

\*\*\*

[See Prior Text in Letter]

2.h. - 2.i.iv.(d). ...

(e). The wording of the letter from the chief financial officer shall be identical to the wording as follows, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

#### **SOLID WASTE FACILITY LETTER FROM THE CHIEF FINANCIAL OFFICER**

(Liability Coverage, Closure, and/or Post-Closure)

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division

Dear Sir:

\*\*\*

[See Prior Text in Letter]

A.2.i.v. - B.2. ...

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 19:1143 (September 1993), LR 19:1316 (October 1993), amended by the Office of Waste Services, Solid Waste Division, LR 23:954 (August 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2529 (November 2000), repromulgated LR 27:39 (January 2001), amended by the Office of Environmental Assessment, LR 30:2026 (September 2004).

## Chapter 11. Beneficial-Use Facilities

### §1109. Standards Governing Beneficial-Use Facilities

A. - F.1.a. ...

i. The permit holder shall submit annual reports to the Office of Management and Finance, Financial Services Division indicating quantities and types of solid waste beneficially used, (expressed in wet-weight tons and dry-weight tons per year), during the reporting period. All calculations used to determine the amounts of solid waste received for processing or disposal during the annual reporting period shall be submitted to the administrative authority. A form for this purpose must be obtained from the Office of Management and Finance, Financial Services Division or through the department's website.

F.1.a.ii. - H.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2536 (November 2000), repromulgated LR 27:40 (January 2001), LR 27:705 (May 2001), amended by the Office of Environmental Assessment, LR 30:2027 (September 2004).

## Chapter 30. Appendices

### §3001. Appendix A

#### Example of a Public Notice to be Placed in the Local Newspaper for Intention to Submit a Permit Application to the Office of Environmental Services, Permits Division for Existing/Proposed Solid Waste Facilities

Public Notice  
of  
Intent To Submit Permit Application  
(Name of Applicant/Facility)

Facility (location), Parish (location), Louisiana

Notice is hereby given that (name of applicant) does intend to submit to the Department of Environmental Quality, Office of Environmental Services, Permits Division, an application for a permit to operate a (type of solid waste facility) in (parish name), Range\_\_, Township\_\_, Section\_\_, which is approximately (identify the physical location of the site by direction and distance from the nearest town).

Comments concerning the facility may be filed with the secretary of the Louisiana Department of Environmental Quality at the following address:

Louisiana Department of Environmental Quality  
Office of Environmental Services  
Permits Division  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2536 (November 2000), amended by the Office of Environmental Assessment, LR 30:2027 (September 2004).

## Subpart 2. Recycling

### Chapter 105. Waste Tires

#### §10513. Permit Process for Existing Facilities Classified for Upgrade and for Proposed Facilities

A. Applicant Public Notice

1. No sooner than 45 days prior to the submittal of a standard permit application to the Office of Environmental Services, Permits Division, the prospective applicant shall publish a notice of intent to submit an application for a waste tire standard permit. This notice shall be published one time as a single classified advertisement measuring three columns by five inches, in the legal or public notices section of the official journal of this state and a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches, in the legal or public notices section of the official journal of the state will be the only public notice required.

A.2. - F.2. ...

3. After the six copies are submitted to the department, a notice shall be placed in the office bulletin (if one is available), the official journal of the state, and a major local newspaper of general circulation. The department shall publish a notice of acceptance for review one time as a single classified advertisement measuring three columns by five inches in the legal or public notices section of the official journal of the state and one time as a classified advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches in the official journal of the state shall be the only public notice required. The notice shall solicit comment from interested individuals and groups. Comments received by the administrative authority within 30 days after the date the notice is published in the local newspaper shall be reviewed by the department. The notice shall be published in accordance with the sample public notice provided by the department.

4. - 5. ...

6. Public Notice of a Public Hearing. If the administrative authority determines that a hearing is necessary, a notice shall be published at least 20 days before a fact-finding hearing in the official journal of the state and in a major local newspaper of general circulation. The notice shall be published one time as a single classified advertisement measuring three columns by five inches in the legal or public notices section of the official journal of the state and one time as classified advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches in the official journal of the state shall be the only public notice required. Those persons on the department's mailing list for hearings shall be mailed notice of the hearing

at least 20 days before a public hearing. A notice shall also be published in the departmental bulletin, if available.

F.7. - G.2. ...

H. Public Notice of Permit Issuance. No later than 10 days following the issuance of a standard permit, the permit holder shall publish a notice of the issuance of the standard permit. This notice shall be published in the official journal of the state and in a major local newspaper of general circulation. The notice shall be published one time as a single classified advertisement measuring three columns by five inches in the legal or public notices section of the official journal of the state, and one time as a classified advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring three columns by five inches in the official journal of the state will be the only public notice required. The permit holder shall provide proof of publication of the notice(s) to the department.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411-2422.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 18:39 (January 1992), amended LR 20:1001 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2775 (December 2000), LR 27:829 (June 2001), amended by the Office of Environmental Assessment, LR 30:2033 (September 2004).

## Chapter 111. Appendices

### §11101. Appendix A

#### LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY FINANCIAL ASSURANCE DOCUMENTS FOR WASTE TIRE FACILITIES (AUGUST 4, 1994)

The following documents are to be used to demonstrate financial responsibility for the closure of waste tire facilities. The wording of the documents shall be identical to the wording that follows, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

SAMPLE DOCUMENT 1. - SAMPLE DOCUMENT 2. ...

#### SAMPLE DOCUMENT 3: WASTE TIRE FACILITY IRREVOCABLE LETTER OF CREDIT

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division  
Dear Sir:

\*\*\*

[See Prior Text in Document]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 20:1001 (September 1994), amended LR 22:1214 (December 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2782 (December 2000), LR 27:832 (June 2001), amended by the Office of Environmental Assessment, LR 30:2027 (September 2004).

## Title 33

### ENVIRONMENTAL QUALITY

#### Part IX. Water Quality

#### Subpart 1. Water Pollution Control

#### Chapter 1. General Provisions

##### §107. Definitions

\*\*\*

*Designated Use*—a use of the waters of the state as established by the water quality standards provided in LAC 33:IX.1111. These uses include, but are not limited to, primary and secondary contact recreation, fish and wildlife propagation, drinking water supply, oyster propagation, agriculture, and outstanding natural resource waters.

\*\*\*

*Primary Contact Recreation*—any recreational or other water contact use involving prolonged or regular full-body contact with the water and in which the probability of ingesting appreciable amounts of water is considerable. Examples of this type of water use include swimming, skiing, and diving.

\*\*\*

*Secondary Contact Recreation*—any recreational or other water contact use in which body contact with the water is either incidental or accidental and the probability of ingesting appreciable amounts of water is minimal. Examples of this type of water use include fishing, wading, and boating.

\*\*\*

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074 (B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2538 (November 2000), LR 30:1473 (July 2004).

#### Chapter 5. Enforcement

##### §503. Investigations

A. Any person may file an oral or written complaint concerning an alleged violation or environmental problem with the Office of Environmental Compliance in the manner provided in LAC 33:I.3923. The complainant may remain anonymous, if desired, and such a request for anonymity shall not be considered as a prejudicial factor in evaluation of the appropriate response to the complaint.

B. - D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of Environmental

Assessment, Environmental Planning Division, LR 26:2543 (November 2000), LR 30:1676 (August 2004).

### Chapter 11. Surface Water Quality Standards

##### §1105. Definitions

\*\*\*

*Designated Use*—a use of the waters of the state as established by the water quality standards provided in LAC 33:IX.1111. These uses include, but are not limited to, primary and secondary contact recreation, fish and wildlife propagation, drinking water supply, oyster propagation, agriculture, and outstanding natural resource waters.

\*\*\*

*Primary Contact Recreation*—any recreational or other water contact use involving prolonged or regular full-body contact with the water and in which the probability of ingesting appreciable amounts of water is considerable. Examples of this type of water use include swimming, skiing, and diving.

\*\*\*

*Secondary Contact Recreation*—any recreational or other water contact use in which body contact with the water is either incidental or accidental and the probability of ingesting appreciable amounts of water is minimal. Examples of this type of water use include fishing, wading, and boating.

\*\*\*

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 10:745 (October 1984), amended LR 15:738 (September 1989), LR 17:264 (March 1991), LR 20:883 (August 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2401 (December 1999), LR 26:2545 (November 2000), LR 29:557 (April 2003), LR 30:1473 (July 2004).

##### §1111. Water Use Designations

There are seven water uses designated for surface waters in Louisiana: primary contact recreation, secondary contact recreation, fish and wildlife propagation, drinking water supply, oyster propagation, agriculture, and outstanding natural resource waters. Designated uses assigned to each subsegment apply to all water bodies (listed water body and tributaries/distributaries of the listed water body) contained in that subsegment unless unique chemical, physical, and/or biological conditions preclude such uses. However, the designated uses of drinking water supply, oyster propagation, and/or outstanding natural resource waters apply only to the water bodies specifically named in Table 3, LAC 33:IX.1123, and not to any tributaries and distributaries to such water body, which are typically contained in separate subsegments. A description of each designated use follows.

A. Primary Contact Recreation. Primary contact recreation is any recreational or other water contact use involving prolonged or regular full-body contact with the



water and in which the probability of ingesting appreciable amounts of water is considerable. Examples of this type of water use include swimming, skiing, and diving.

B. Secondary Contact Recreation. Secondary contact recreation is any recreational or other water contact use in which body contact with the water is either incidental or accidental and the probability of ingesting appreciable amounts of water is minimal. Examples of this type of water use include fishing, wading, and boating.

C. - G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 10:745 (October 1984), amended LR 15:738 (September 1989), LR 20:883 (August 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2401 (December 1999), LR 26:2546 (November 2000), LR 30:1473 (July 2004).

### §1113. Criteria

A. - C.4.c. ...

5. Bacteria. The applicability of bacterial criteria to a particular stream subsegment depends upon the use designation of that individual stream subsegment. Criteria are established to protect water quality commensurate with the most stringent designated use assigned to the subsegment. Applicable bacterial criteria for the most stringent designated use of each individual Louisiana stream subsegment are listed in the "BAC" column of Table 3, LAC 33:IX.1123. For water quality monitoring and assessment purposes the following criteria shall be used to determine support for the designated uses.

a. Primary Contact Recreation. No more than 25 percent of the total samples collected on a monthly or near-monthly basis shall exceed a fecal coliform density of 400/100 mL. This primary contact recreation criterion shall apply only during the defined recreational period of May 1 through October 31. During the nonrecreational period of November 1 through April 30, the criteria for secondary contact recreation shall apply.

b. Secondary Contact Recreation. No more than 25 percent of the total samples collected on a monthly or near-monthly basis shall exceed a fecal coliform density of

2,000/100 mL. This secondary contact recreation criterion shall apply year round.

c. Drinking Water Supply. No more than 30 percent of the total samples collected on a monthly or near-monthly basis shall exceed a fecal coliform density of 2,000/100 mL.

d. Oyster Propagation. The fecal coliform median most probable number (MPN) shall not exceed 14 fecal coliforms per 100 mL, and not more than 10 percent of the samples shall exceed an MPN of 43 per 100 mL for a five-tube decimal dilution test in those portions of the area most probably exposed to fecal contamination during the most unfavorable hydrographic and pollution conditions.

C.6. - Table 1A.Footnote d. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 10:745 (October 1984), amended LR 15:738 (September 1989), LR 17:264 (March 1991), LR 17:967 (October 1991), repromulgated LR 17:1083 (November 1991), amended LR 20:883 (August 1994), LR 24:688 (April 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2402 (December 1999), LR 26:2547 (November 2000), LR 27:289 (March 2001), LR 30:1474 (July 2004).

### §1123. Numerical Criteria and Designated Uses

A. - C.2. ...

3. Designated Uses. The following are the category definitions of Designated Uses that are used in Table 3 under the subheading "Designated Uses."

- A—Primary Contact Recreation
- B—Secondary Contact Recreation
- C—Fish and Wildlife Propagation
- L—Limited Aquatic Life and Wildlife Use
- D—Drinking Water Supply
- E—Oyster Propagation
- F—Agriculture
- G—Outstanding Natural Resource Waters

Numbers in brackets, e.g. [1], refer to endnotes listed at the end of the table.

Table 3. Numerical Criteria and Designated Uses									
A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters									
Code	Stream Description	Designated Uses	Numerical Criteria						
			CL	SO <sub>4</sub>	DO	pH	BAC	°C	TDS
***									
[See Prior Text in 010101- 120806]									

ENDNOTES:

[1] - [23] ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 15:738

(September 1989), amended LR 17:264 (March 1991), LR 20:431 (April 1994), LR 20:883 (August 1994), LR 21:683 (July 1995), LR 22:1130 (November 1996), LR 24:1926 (October 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2405 (December 1999),

LR 27:289 (March 2001), LR 28:462 (March 2002), LR 28:1762 (August 2002), LR 29:1814, 1817 (September 2003), LR 30:1474 (July 2004).

## Chapter 15. Water Quality Certification Procedures

### §1507. Procedures for Issuance of Water Quality Certification

A. - C.3. ...

#### D. Public Notice Requirements

1. Notice by Publication. Within 10 days after the review process is completed by the administrative authority, the applicant will be sent a public notice. The applicant shall publish the public notice one time in the official journal of the state and one time in at least one or more, at the discretion of the administrative authority, local newspapers or journals of general circulation in each parish in which the activity is to be conducted.

a. *The Advocate* of Baton Rouge is the official journal of the state.

D.1.b. - E.2. ...

3. Hearing Location. Every hearing held pursuant to this Section shall be held before the administrative authority at a location convenient to the nearest population center affected by the proposed certification, unless the administrative authority specifically designates some other location.

E.4. - H.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(A)(3).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 10:496 (July 1984), amended by the Office of the Secretary, LR 22:345 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2550 (November 2000), LR 29:690 (May 2003), LR 29:2052 (October 2003), amended by the Office of Environmental Assessment, LR 30:2027 (September 2004).

## Subpart 2. The Louisiana Pollutant Discharge Elimination System (LPDES) Program

### Chapter 25. Permit Application and Special LPDES Program Requirements

#### §2501. Application for a Permit

A. - A.2. ...

a. All applicants for LPDES permits must submit applications on either state- or EPA-approved permit application forms. More than one application form may be required from a facility depending on the number and types of discharges or outfalls found there. Application forms may be obtained by contacting the Office of Environmental

Services, Permits Division or may be obtained electronically through the department's website.

A.2.b. - R.4.h. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended LR 23:723 (June 1997), amended by the Office of the Secretary, LR 25:661 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2552 (November 2000), LR 26:2756 (December 2000), LR 27:45 (January 2001), LR 28:465 (March 2002), LR 28:1766 (August 2002), LR 29:1462 (August 2003), repromulgated LR 30:230 (February 2004), amended by the Office of Environmental Assessment, LR 30:2028 (September 2004).

## Chapter 27. LPDES Permit Conditions

### §2701. Conditions Applicable to All Permits

The following conditions apply to all LPDES permits. Additional conditions applicable to LPDES permits are in LAC 33:IX.2703. All conditions applicable to LPDES permits shall be incorporated into the permits either expressly or by reference. If incorporated by reference, a specific citation to these regulations (or the corresponding approved state regulations) must be given in the permit.

A. - L.5. ...

#### 6. Twenty-Four Hour Reporting

a. The permittee shall report any noncompliance that may endanger health or the environment in the manner provided in LAC 33:I.3923. Any information shall be provided promptly within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall be done in accordance with LAC 33:I.3925.B and C and shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

b. - b.iii. ...

c. The state administrative authority may waive the written report on a case-by-case basis for reports under LAC 33:IX.2701.L.6.b if a prompt report under LAC 33:I.3923 has been received within 24 hours.

L.7. - N.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Water Pollution Control Division, LR 23:724 (June 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2553 (November 2000), LR 28:468 (March 2002),

repromulgated LR 30:230 (February 2004), amended LR 30:1676 (August 2004).

## Chapter 67. Financial Security

### §6703. Acceptable Form of Financial Security

A. - A.1. ...

a. the bond must be submitted to the department at the following address: Louisiana Department of Environmental Quality, Office of Management and Finance, Financial Services Division, Box 4303, Baton Rouge, LA 70821-4303;

1.b. - 2. ...

a. the letter of credit must be submitted to the department at the following address: Louisiana Department of Environmental Quality, Office of Management and Finance, Financial Services Division, Box 4303, Baton Rouge, LA 70821-4303;

b. - c. ...

d. the wording of the letter of credit shall be identical to the wording that follows, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted:

#### IRREVOCABLE LETTER OF CREDIT

Secretary  
Louisiana Department of Environmental Quality  
Financial Services Division  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Dear Sir:

\*\*\*

[See Prior Text in Letter]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Sections 2074(B)(3) and (4) and 2075.2.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 27:46 (January 2001), repromulgated LR 30:233 (February 2004), amended by the Office of Environmental Assessment, LR 30:2028 (September 2004).

## Chapter 71. Appendices

### §7129. Appendix O—LPDES Permit Testing Requirements for Publicly Owned Treatment Works (LAC 33:IX.2501.J)

Table 1A. - Table 1. ...

Table 2—Effluent Parameters for Selected POTWS		
Common Name	Universal Name	CAS #
***		
[See Prior Text in Hardness - 2,4,6-trichlorophenol]		
Base-Neutral Compounds		
***		
[See Prior Text in Acenaphthene - Hexachlorocyclopentadiene]		
Hexachloroethane		67-72-1
***		
[See Prior Text in Indeno(1,2,3-cd)pyrene - 1,2,4-trichlorobenzene]		

NOTE: If no universal name is listed, the common name and the universal name are the same.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:2765 (December 2000), repromulgated LR 30:233 (February 2004), amended by the Office of Environmental Assessment, LR 30:2028 (September 2004).

### §7135. Appendix R—Financial Assurances Documents

#### Document 1. Liability Endorsement

COMMERCIAL BLENDER, COMPOSTER, OR MIXER OF SEWAGE  
SLUDGE LIABILITY ENDORSEMENT

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division

Dear Sir:

\*\*\*

[See Prior Text in Endorsement]

#### Document 2. Certificate of Insurance

COMMERCIAL BLENDER, COMPOSTER, OR MIXER OF SEWAGE  
SLUDGE FACILITY CERTIFICATE OF LIABILITY INSURANCE

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division

Dear Sir:

\*\*\*

[See Prior Text in Certificate]

#### Document 3. Letter of Credit

COMMERCIAL BLENDER, COMPOSTER, OR MIXER OF SEWAGE  
SLUDGE FACILITY IRREVOCABLE LETTER OF CREDIT

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,  
Financial Services Division

Dear Sir:

\*\*\*

[See Prior Text in Letter]

Document 4. Trust Agreement. - Document 6. Performance Bond. ...

#### Document 7. Letter of Credit

COMMERCIAL BLENDER, COMPOSTER, OR MIXER OF SEWAGE  
SLUDGE FACILITY IRREVOCABLE LETTER OF CREDIT

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,

Financial Services Division  
Dear Sir:

\*\*\*

[See Prior Text in Letter]

Document 8. Certificate of Insurance. ...

**Document 9. Letter from the Chief Financial Officer**  
COMMERCIAL BLENDER, COMPOSTER, OR MIXER OF SEWAGE  
SLUDGE FACILITY LETTER FROM THE CHIEF FINANCIAL  
OFFICER (LIABILITY COVERAGE, CLOSURE, AND/OR POST-  
CLOSURE)

Secretary  
Louisiana Department of Environmental Quality  
Post Office Box 4303  
Baton Rouge, Louisiana 70821-4303  
Attention: Office of Management and Finance,

Financial Services Division  
Dear Sir:

\*\*\*

[See Prior Text in Letter]

Document 10. Corporate Guarantee. ...

AUTHORITY NOTE: Promulgated in accordance with R.S.  
30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of  
Environmental Quality, Office of Environmental Assessment,  
Environmental Planning Division, LR 28:818 (April 2002),  
repromulgated LR 30:233 (February 2004), amended by the Office  
of Environmental Assessment, LR 30:2028 (September 2004).

## Title 33

### ENVIRONMENTAL QUALITY

#### Part XI. Underground Storage Tanks

#### Chapter 7. Methods of Release Detection and Release Reporting, Investigation, Confirmation, and Response

##### §707. Reporting of Suspected Releases

A. All owners, operators, employees, agents, contractors, or assigns having knowledge of any of the conditions listed below shall notify the Office of Environmental Compliance in the manner provided in LAC 33:I.3923 within 24 hours after becoming aware of the occurrence or, if they have knowledge of an emergency condition, shall report it immediately in accordance with LAC 33:I.Chapter 39. After discovery of any of the following conditions, owners and operators of UST systems shall follow the procedures specified in LAC 33:XI.711:

1. released regulated substances are discovered at the UST site or in the surrounding area (such as the presence of free product or vapors in soils, basements, sewer and utility lines, or nearby surface water);

2. unusual operating conditions are observed (such as the erratic behavior of product-dispensing equipment, the sudden loss of product from the UST system, or an unexplained presence of water in the tank), unless system equipment is found to be defective but not leaking, and is immediately repaired or replaced;

3. monitoring results from a release detection method required under LAC 33:XI.703.B and C indicate that a release may have occurred, unless:

a. the monitoring device is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring conducted within 24 hours does not confirm the initial result; or

b. in the case of inventory control, a second month of data does not continue to indicate a loss.

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2559 (November 2000), LR 30:1677 (August 2004).

##### §713. Reporting and Cleanup of Spills and Overfills

A. Owners and operators of UST systems must contain, immediately clean up, and report a spill or overfill to the Office of Environmental Compliance in accordance with LAC 33:I.3923 within 24 hours. The owner or operator shall begin corrective action in accordance with LAC 33:XI.715 in the following cases.

1. A spill or overfill of petroleum has resulted in a release to the environment that exceeds one barrel (42 gallons) or that causes a sheen on nearby surface water. If the spill or overfill results in an emergency condition, as defined in LAC 33:I.3905, the incident must be reported in accordance with LAC 33:I.Chapter 39 immediately, but in no case later than one hour, regardless of the amount released.

2. A spill or overfill of a hazardous substance has resulted in a release to the environment that equals or exceeds the reportable quantity for that substance in LAC 33:I.3931. If the spill or overfill results in an emergency condition, as defined in LAC 33:I.3905, the incident must be reported in accordance with LAC 33:I.Chapter 39 immediately, but in no case later than one hour, regardless of the amount released. A release of a hazardous substance equal to or in excess of its reportable quantity must also be reported immediately (rather than within 24 hours) to the National Response Center, under Sections 102 and 103 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, and to appropriate authorities under Title III of the Superfund Amendments and Reauthorization Act of 1986 (40 CFR 355.40).

B. Follow-up written reports must be submitted within seven calendar days, as required by LAC 33:I.3925. The written report must satisfy the requirements of LAC 33:I.3925.B and C.

C. Owners and operators of UST systems must contain and immediately clean up a spill or overfill of petroleum that is less than one barrel and a spill or overfill of a hazardous substance that is less than the reportable quantity. If cleanup cannot be accomplished within 24 hours, owners and operators must immediately notify the Office of Environmental Compliance in the manner provided in LAC 33:I.3923.

**NOTE:** Repealed.

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 30:2001 et seq.

**HISTORICAL NOTE:** Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 18:728 (July 1992), amended by the Office of the Secretary, LR 19:1022 (August 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2559 (November 2000), LR 30:1677 (August 2004).

##### §715. Release Response and Corrective Action for UST Systems Containing Petroleum or Hazardous Substances

A. - B. ...

1. Report the release to the Office of Environmental Compliance in accordance with LAC 33:I.3923.

2. Take immediate action to prevent any further release of the regulated substance into the environment.

3. Identify and mitigate fire, explosion, and vapor hazards.

## C. - C.1.f. ...

2. Within 20 days after release confirmation or another reasonable period of time determined by the department in writing, owners and operators must submit a report to the Office of Environmental Compliance, Surveillance Division summarizing the initial abatement steps taken under Paragraph C.1 of this Section and any resulting information or data.

## D. - D.1.e. ...

2. Within 60 days of release confirmation or another reasonable period of time determined by the department in writing, owners and operators must submit the information collected in compliance with Paragraph D.1 of this Section to the Office of Environmental Assessment, Remediation Services Division in a manner that demonstrates its applicability and technical adequacy, or in a format and according to the schedule required by the department.

E. Free Product Removal. At sites where investigations under Subparagraph C.1.f of this Section indicate the presence of free product, owners and operators must remove free product to the maximum extent practicable as determined by the Office of Environmental Assessment,

Remediation Services Division, while continuing, as necessary, any actions initiated under Subsections B-D of this Section, or preparing for actions required under Subsections F-G of this Section. To meet the requirements of this Subsection, owners and operators must take the following actions.

## 1. - 3. ...

4. Unless directed to do otherwise by the department, prepare and submit to the Office of Environmental Assessment, Remediation Services Division, within 45 days after confirming a release, a free product removal report that provides at least the following information:

## E.4.a. - H.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 17:658 (July 1991), amended by the Office of the Secretary, LR 24:2253 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2559 (November 2000), LR 30:1677 (August 2004).

## Title 33

## ENVIRONMENTAL QUALITY

### Part XV. Radiation Protection

### Chapter 3. Licensing of Radioactive Material

#### Subchapter C. General Licenses

#### §322. General Licenses: Radioactive Material Other Than Source Material

A. Certain Devices and Equipment. A general license is hereby issued to transfer, receive, acquire, own, possess, and use radioactive material incorporated in the following devices or equipment that have been manufactured, tested, and labeled by the manufacturer in accordance with a specific license issued to the manufacturer by the U.S. Nuclear Regulatory Commission for use pursuant to 10 CFR 31.3. Attention is directed particularly to the provisions of 10 CFR 20 concerning labeling of containers. This general license is subject to the provisions of LAC 33:XV.104-109, 304.A.2, 331, 340, 350, and Chapters 4, 10, and 15 of these regulations.

1. Static Elimination Devices. This includes devices designed for use as static eliminators that contain, as a sealed source or sources, radioactive material consisting of a total of not more than 500 microcuries of polonium-210 per device.

2. Ion-generating Tubes. This includes devices designed for ionization of air that contain, as a sealed source or sources, radioactive material consisting of a total of not more than 500 microcuries of polonium-210 per device or a total of not more than 50 millicuries of hydrogen-3 (tritium) per device.

B. - D.3.f. ...

g. except as provided in LAC 33:XV.322.D.3.h, transfer or dispose of the device containing radioactive material only by export as provided in 10 CFR Part 110 or by transfer to a specific licensee of the department, the U.S. Nuclear Regulatory Commission, or any other agreement state or licensing state whose specific license authorizes him or her to receive the device and within 30 days after transfer of a device to a specific licensee shall furnish to the Office of Environmental Services, Permits Division, a report containing identification of the device by manufacturer's name and model number, and the name and address of the person receiving the device. No report is required if the device is transferred to the specific licensee in order to obtain a replacement device;

h. - i. ...

j. Reserved.

k. appoint an individual responsible for having knowledge of the appropriate regulations and requirements and the authority for taking required actions to comply with

appropriate regulations and requirements. The general licensee, through this individual, shall ensure the day-to-day compliance with the appropriate regulations and requirements. This appointment does not relieve the general licensee of any of its responsibility in this regard;

1. register, in accordance with the provisions in this Subparagraph, devices containing at least 370 MBq (10 mCi) of cesium-137, 3.7 MBq (0.1 mCi) of strontium-90, 37 MBq (1 mCi) of cobalt-60, or 37 MBq (1 mCi) of americium-241 or any other transuranic (i.e., element with atomic number greater than uranium (92)), based on the activity indicated on the label. Each address for a location of use, as described in this Subparagraph, represents a separate general licensee and requires a separate registration and fee:

i. annual registration with the Office of Environmental Services, Permits Division, shall include payment of the fee required by LAC 33:XV.2505. Registration must be done by verifying, correcting, and/or adding to the information provided in a request for registration received from the department. The registration information must be submitted to the department within 30 days of the date of the request for registration or as otherwise indicated in the request;

ii. in registering devices, the general licensee shall furnish the following information, as indicated on the label, and any other information specifically requested by the department:

(a). the name and mailing address of the general licensee;

(b). information about each device:

(i). the manufacturer (or initial transferor);

(ii). the model number;

(iii). the serial number; and

(iv). the radioisotope and activity;

(c). the name, title, and telephone number of the responsible person designated as a representative of the general licensee and identified by the transferee to have knowledge of and authority to take actions to ensure day-to-day compliance with the appropriate regulations and requirements without relieving the general licensee of any of his or her responsibility in this regard;

(d). the address or location at which the devices are used and/or stored. For portable devices, list the address of the primary place of storage;

(e). certification by the responsible representative of the general licensee that the information concerning the devices has been verified through a physical inventory and checking of label information; and

(f). certification by the responsible representative of the general licensee that he or she is aware of the requirements of the general license;

iii. persons generally licensed by an agreement state with respect to devices meeting the criteria in this

Subparagraph are not subject to registration requirements if the devices are used in areas subject to department jurisdiction for a period less than 180 days in any calendar year. The department will not request registration information from such licensees;

m. report changes to the mailing address for the location of use (including change in the name of the general licensee) to the Office of Environmental Compliance, Permits Division, within 30 days of the effective date of the change. For a portable device, a report of address change is only required for a change in the device's primary place of storage;

n. not hold devices that are not in use for longer than two years. If devices with shutters are not being used, the shutter must be locked in the closed position. The testing required by this Subsection need not be performed during the period of storage only. However, when devices are put back into service or transferred to another person, and have not been tested within the required test interval, they must be tested for leakage before use or transfer and the shutter tested before use. Devices kept in standby for future use are excluded from the two-year time limit if the general licensee performs quarterly physical inventories of these devices while they are in standby.

D.4. – J.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2567 (November 2000), LR 27:1226 (August 2001), LR 30:1663 (August 2004).

**§328. Special Requirements for Specific License to Manufacture, Assemble, Repair, or Distribute Commodities, Products, or Devices that Contain Radioactive Material**

A. – D.1.c.iii.(b). ...

d. each device having a separable source housing that provides the primary shielding for the source also bears, on the source housing, a durable label containing the device model number and serial number, the isotope and quantity, the words "Caution—Radioactive Material," the radiation symbol described in LAC 33:XV.450, and the name of the manufacturer or initial distributor;

e. each device meeting the criteria of LAC 33:XV.322.D.3.1 bears a permanent (e.g., embossed, etched, stamped, or engraved) label affixed to the source housing, if separable, or to the device if the source housing is not separable, that includes the words "Caution—Radioactive Material" and, if practicable, the radiation symbol described in LAC 33:XV.450.

2. - 2.j. ...

3. In the event the applicant desires that the general licensee under LAC 33:XV.322.D, or under equivalent regulations of the U.S. Nuclear Regulatory Commission or of any other agreement state or licensing state, be authorized to install the device, collect the sample to be analyzed by a specific licensee for leakage of radioactive material, service the device, test the on-off mechanism and indicator, or remove the device from installation, he or she shall include in the application written instructions to be followed by the general licensee, estimated calendar quarter doses associated with such activity or activities, and bases for such estimates. The submitted information shall demonstrate that performance of such activity or activities by an individual untrained in radiological protection, in addition to other handling, storage, and use of devices under the general license, is unlikely to cause that individual to receive a calendar quarter dose in excess of 10 percent of the limits specified in LAC 33:XV.410.A.

a. If a device containing byproduct material is to be transferred for use under the general license referred to in this Subsection, each person who is licensed under this Subsection shall provide the information specified in this Subparagraph to each person to whom a device is to be transferred. This information must be provided before the device may be transferred. In the case of a transfer through an intermediate person, the information must also be provided to the intended user prior to initial transfer to the intermediate person. The required information includes:

- i. a copy of the general license;
- ii. copies of the appropriate records and of LAC 33:XV.485 and 486;
- iii. a list of the services that can only be performed by a specific licensee;
- iv. information on acceptable disposal options including estimated costs of disposal; and
- v. an indication that the U.S. Nuclear Regulatory Commission's policy is to issue high civil penalties for improper disposal.

b. If byproduct material is to be transferred in a device for use under an equivalent general license of an agreement state, each person who is licensed under this Subsection shall provide the information specified in this Subparagraph to each person to whom a device is to be transferred. This information must be provided before the device may be transferred. In the case of a transfer through an intermediate person, the information must also be provided to the intended user prior to initial transfer to the intermediate person. The required information includes:

- i. copies of this Subsection and of LAC 33:XV.485 and 486, and the appropriate records. If a copy of the U.S. Nuclear Regulatory Commission's regulations is provided to a prospective general licensee in lieu of the department's regulations, it shall be accompanied by a note explaining that use of the device is regulated by the department; if certain paragraphs of the regulations do not



apply to the particular device, those paragraphs may be omitted;

ii. a list of the services that can only be performed by a specific licensee;

iii. information on acceptable disposal options including estimated costs of disposal; and

iv. the name or title, address, and telephone number of the contact at the agreement state regulatory agency from whom additional information may be obtained.

c. An alternative approach to informing customers may be proposed by the licensee for approval by the department.

d. Each device that is transferred after February 19, 2002, must meet the labeling requirements in Subparagraphs D.1.c-e of this Section.

e. If a notification of bankruptcy has been made under LAC 33:XV.331.E-F or the license is to be terminated, each person licensed under this Subsection shall provide, upon request, to the department and to any appropriate agreement state, records of final disposition, which must be maintained for a period of three years following the date of the recorded event.

4. Each person licensed under this Subsection to distribute devices to persons generally licensed shall do the following.

a. Furnish a copy of the general license contained in LAC 33:XV.322.D to each person to whom he or she directly or through an intermediate person transfers radioactive material in a device for use pursuant to the general license contained in LAC 33:XV.322.D. In the case where the transferee receives radioactive material in a device pursuant to a general license contained in the U.S. Nuclear Regulatory Commission's or agreement state's regulations equivalent to LAC 33:XV.322, furnish a copy of the general license contained in the U.S. Nuclear Regulatory Commission's, agreement state's, or licensing state's regulations equivalent to LAC 33:XV.322.D, or alternatively, furnish a copy of the general license contained in LAC 33:XV.322.D to each person to whom he or she directly or through an intermediate person transfers radioactive material in a device for use pursuant to the general license of the U.S. Nuclear Regulatory Commission, the agreement state, or the licensing state. If a copy of the general license in LAC 33:XV.322.D is furnished to such person, it shall be accompanied by a note explaining that the use of the device is regulated by the U.S. Nuclear Regulatory Commission, an agreement state, or a licensing state under requirements substantially the same as those in LAC 33:XV.322.D.

b. Report all transfers of devices to persons for use under the general license in LAC 33:XV.322.D.1 and all receipts of devices from persons licensed under LAC 33:XV.322.D.1 to the Office of Environmental Compliance, Surveillance Division. The report must be submitted on a quarterly basis on a RAD-41 Form or in a clear and legible report containing all of the data required by the form.

i. The required information for transfers to general licensees includes:

(a). the identity of each general licensee by name and mailing address for the location of use. If there is no mailing address for the location of use, an alternate address for the general licensee shall be submitted along with information on the actual location of use;

(b). the name, title, and telephone number of the person identified by the general licensee as having knowledge of and authority to take required actions to ensure compliance with the appropriate regulations and requirements;

(c). the date of transfer;

(d). the type, model number, and serial number of the device transferred; and

(e). the quantity and type of byproduct material contained in the device.

ii. If one or more intermediate persons will temporarily possess the device at the intended place of use before its possession by the user, the report must include the same information for both the intended user and each intermediate person, and clearly designate the intermediate persons.

iii. For devices received from a LAC 33:XV.322.D.1 general licensee, the report must include:

(a). the identity of the general licensee by name and address;

(b). the type, model number, and serial number of the device received;

(c). the date of receipt; and

(d). in the case of devices not initially transferred by the reporting licensee, the name of the manufacturer or initial transferor.

iv. If the licensee makes changes to a device possessed by a LAC 33:XV.322.D.1 general licensee, such that the label must be changed to update required information, the report must identify the general licensee, the device, and the changes to information on the device label.

v. The report must cover each calendar quarter, must be filed within 30 days of the end of the calendar quarter, and must clearly indicate the period covered by the report.

vi. The report must clearly identify the specific licensee submitting the report and include the license number of the specific licensee.

vii. If no transfers have been made to or from persons generally licensed under LAC 33:XV.322.D.1 during the reporting period, the report must so indicate.

c. Report all transfers of devices to persons for use under a general license in an agreement state's regulations that are equivalent to LAC 33:XV.322.D.1 and all receipts of

devices from general licensees in the agreement state's jurisdiction to the responsible agreement state agency. The report must be submitted on a RAD-41 Form or in a clear and legible report containing all of the data required by the form.

i. The required information for transfers to general licensees includes:

(a). the identity of each general licensee by name and mailing address for the location of use. If there is no mailing address for the location of use, an alternate address for the general licensee shall be submitted along with information on the actual location of use;

(b). the name, title, and phone number of the person identified by the general licensee as having knowledge of and authority to take required actions to ensure compliance with the appropriate regulations and requirements;

(c). the date of transfer;

(d). the type, model number, and serial number of the device transferred; and

(e). the quantity and type of byproduct material contained in the device.

ii. If one or more intermediate persons will temporarily possess the device at the intended place of use before its possession by the user, the report must include the same information for both the intended user and each intermediate person, and clearly designate the intermediate persons.

iii. For devices received from a general licensee, the report must include:

(a). the identity of the general licensee by name and address;

(b). the type, model number, and serial number of the device received;

(c). the date of receipt; and

(d). in the case of devices not initially transferred by the reporting licensee, the name of the manufacturer or initial transferor.

iv. If the licensee makes changes to a device possessed by a general licensee, such that the label must be changed to update required information, the report must identify the general licensee, the device, and the changes to information on the device label.

v. The report must cover each calendar quarter, must be filed within 30 days of the end of the calendar quarter, and must clearly indicate the period covered by the report.

vi. The report must clearly identify the specific licensee submitting the report and must include the license number of the specific licensee.

vii. If no transfers have been made to or from a particular agreement state during the reporting period, this

information shall be reported to the responsible agreement state agency upon request of the agency.

d. Maintain all information concerning transfers and receipts of devices that supports the reports required by this Paragraph. This information and the reports must be maintained for a period of three years following the date of the recorded event.

e. Report to the Office of Environmental Services, Permits Division, all transfers of such devices to persons for use under the general license in LAC 33:XV.322.D. Such reports must be maintained for a period of three years following the date of the recorded event and shall identify each general licensee by name and address, an individual by name and/or position who may constitute a point of contact between the department and the general licensee, the type and model number of device transferred, and the quantity and type of radioactive material contained in the device. If one or more intermediate persons will temporarily possess the device at the intended place of use prior to its possession by the user, the report shall include identification of each intermediate person by name, address, contact, and relationship to the intended user. If no transfers have been made to persons generally licensed under LAC 33:XV.322.D during the reporting period, the report shall so indicate. The report shall cover each calendar quarter and shall be filed within 30 days thereafter.

f. For all transfers out of Louisiana, the distributor shall make reports prescribed in this Paragraph as follows.

i. Report to the U.S. Nuclear Regulatory Commission all transfers of such devices to persons for use under the U.S. Nuclear Regulatory Commission general license in 10 CFR 31.5.

ii. Report to the responsible state agency all transfers of devices manufactured and distributed in accordance with this Subsection for use under a general license in that state's regulations equivalent to LAC 33:XV.322.D.

iii. Such reports shall identify each general licensee by name and address, an individual by name and/or position who may constitute a point of contact between the agency and the general licensee, the type and model of the device transferred, and the quantity and type of radioactive material contained in the device. If one or more intermediate persons will temporarily possess the device at the intended place of use prior to its possession by the user, the report shall include identification of each intermediate person by name, address, contact, and relationship to the intended user. The report shall be submitted within 30 days after the end of each calendar quarter in which such device is transferred to the person generally licensed.

iv. If no transfers have been made to the U.S. Nuclear Regulatory Commission's licensees during the reporting period, this information shall be reported to the U.S. Nuclear Regulatory Commission.

v. If no transfers have been made to persons generally licensed within a particular state during the

reporting period, this information shall be reported to the responsible state agency upon request of the agency.

g. Keep records showing the name, address, and the point of contact for each general licensee to whom he or she directly or through an intermediate person transfers radioactive material in devices for use pursuant to the general license provided in LAC 33:XV.322.D, or equivalent regulations of the U.S. Nuclear Regulatory Commission or any other agreement state or licensing state. The records must show the date of each transfer, the isotope and the quantity of radioactive material in each device transferred, the identity of any intermediate person, and compliance with the reporting requirements of this Paragraph.

E. – M.4.g. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 24:2092 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2569 (November 2000), LR 26:2768 (December 2000), LR 27:1228 (August 2001), LR 30:1664 (August 2004).

## Subchapter D. Specific Licenses

### §341. Reporting Requirements for General and Specific Licenses

A. Immediate Report. Each licensee shall notify the Office of Environmental Compliance by telephone at (225) 765-0160 in the manner provided in LAC 33:I.3923 as soon as possible but not later than four hours after the discovery of an event that prevents immediate protective actions necessary to avoid exposures to radiation or radioactive materials that could exceed regulatory limits or releases of licensed material that could exceed regulatory limits (events may include fires, explosions, toxic gas releases, etc.).

B. Twenty-Four Hour Report. Each licensee shall notify the Office of Environmental Compliance by telephone at (225) 765-0160 in the manner provided in LAC 33:I.3923 within 24 hours after the discovery of any of the following events involving licensed material:

1. - 4.b. ...

C. Preparation and Submission of Reports. Reports made by licensees in response to the requirements of LAC 33:XV.341 must be made as follows.

1. Licensees shall make reports required by LAC 33:XV.341.A and B to the Office of Environmental Compliance by telephone at (225) 765-0160 in the manner provided in LAC 33:I.3923. To the extent that the information is available at the time of notification, the information provided in these reports must include:

a. - d. ...

e. any personnel radiation exposure data available.

2. Each licensee who makes a report required by LAC 33:XV.341.A or B shall submit a written follow-up report within 30 days of the initial report to the Office of Environmental Compliance by using the procedures provided in LAC 33:I.3925.B and C. Written reports prepared pursuant to other regulations may be submitted to fulfill this requirement if the reports contain all of the necessary information and the appropriate distribution is made. These written reports must be sent to the department. The reports must include the following:

a. - f. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 21:554 (June 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2573 (November 2000), LR 30:1678 (August 2004).

## Chapter 4. Standards for Protection Against Radiation

### Subchapter E. Respiratory Protection and Controls to Restrict Internal Exposure in Restricted Areas

#### §442. Use of Individual Respiratory Protection Equipment

A. – A.3.g. ...

4. the licensee or registrant shall issue and comply with a written policy statement on respirator usage covering:

a. – c. ...

d. the availability of sufficient standby rescue persons to assist all respirator users and to provide effective emergency rescue if needed; and

A.4.e. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), LR 22:972 (October 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2577 (November 2000), LR 29:1469 (August 2003), LR 30:1666 (August 2004).

## Subchapter J. Reports

### §485. Reports of Stolen, Lost, or Missing Licensed or Registered Sources of Radiation

A. - A.3. ...

B. Written Reports. Each licensee or registrant required to make a report in accordance with LAC 33:XV.485.A shall, within 30 days after making the telephone report, make a written report to the Office of Environmental Compliance

using the procedures provided in LAC 33:I.3925.B and C and setting forth the following information:

1. - 6. ...

C. Subsequent to filing the written report, the licensee or registrant shall also report to the Office of Environmental Compliance in the manner provided in LAC 33:I.3925.B and C additional substantive information on the loss or theft within 30 days after the licensee or registrant learns of such information.

D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2579 (November 2000), LR 30:1678 (August 2004).

#### **§486. Notification of Incidents**

A. Immediate Notification. Notwithstanding other requirements for notification, each licensee or registrant shall immediately report to the Office of Environmental Compliance by telephone at (225) 765-0160 in accordance with LAC 33:I.3923 each event involving a source of radiation possessed by the licensee or registrant that may have caused or threatens to cause any of the following conditions:

1. - 2. ...

B. Twenty-Four Hour Notification. Each licensee or registrant shall, within 24 hours of discovery of the event, report to the Office of Environmental Compliance by telephone at (225) 765-0160 in accordance with LAC 33:I.3923 each event involving loss of control of a licensed or registered source of radiation possessed by the licensee or registrant that may have caused, or threatens to cause, any of the following conditions:

1. - 2. ...

C. Licensees or registrants shall make the reports required by Subsections A and B of this Section through initial contact by telephone and shall confirm the initial contact by telegram, mailgram, or facsimile to the Office of Environmental Compliance or by e-mail utilizing the Incident Report Form and procedures found on the department's website under the key subject title "Surveillance."

D. - E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended LR 22:973 (October 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2579 (November 2000), LR 26:2770 (December 2000), LR 30:1678 (August 2004), amended by the Office of Environmental Assessment, LR 30:2029 (September 2004).

#### **§487. Reports of Exposures, Radiation Levels, and Concentrations of Radioactive Material Exceeding the Constraints or Limits**

A. Reportable Events. In addition to the notification required by LAC 33:XV.486, each licensee or registrant shall submit a written report to the Office of Environmental Compliance using the procedures provided in LAC 33:I.3925.B and C within 30 days after learning of any of the following occurrences:

A.1. - C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2579 (November 2000), LR 26:2771 (December 2000), LR 27:1231 (August 2001), LR 30:1679 (August 2004).

#### **§492. Reports of Leaking or Contamination From Sealed Sources**

A. The licensee or registrant shall file a report within five days with the Office of Environmental Compliance using the procedures provided in LAC 33:I.3925.B and C if the test for leakage or contamination required in accordance with LAC 33:XV.426 indicates a sealed source is leaking or a source of contamination. The report shall include the equipment involved, its model number and serial number if assigned, the estimated activity of the source, the test results, the date of the test, and the corrective action taken.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2580 (November 2000), LR 30:1173 (June 2004), LR 30:1679 (August 2004).

## **Chapter 5. Radiation Safety Requirements for Industrial Radiographic Operations**

### **Subchapter A. Equipment Control**

#### **§544. Leak Testing, Repair, Tagging, Opening, Modification, Replacement, and Records of Receipt and Transfer of Sealed Sources**

A. ...

B. Each sealed source shall be tested for leakage at intervals not to exceed six months. In the absence of a certificate from a transferor that a test has been made within the six-month period prior to the transfer, the sealed source shall not be put into use until tested.

C. - G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 20:653 (June 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2582 (November 2000), LR 27:1233 (August 2001), LR 29:1469 (August 2003), LR 30:1667 (August 2004).

## **Subchapter B. Personal Radiation Safety Requirements for Radiographers**

### **§575. Training and Testing**

A. - A.2.c. ...

d. The current Form DRC-20, available from the department or the department's website, must be submitted to the Office of Environmental Services, Permits Division documenting the on-the-job training.

A.3. - B.5. ...

6. The current Form DRC-20, available from the department or the department's website, must be submitted to the Office of Environmental Services, Permits Division documenting the on-the-job training, instruction in the subjects outlined in Appendix A in this Chapter, and successful completion of a company-specific written examination.

B.7. - E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 20:653 (June 1994), LR 20:999 (September 1994), LR 23:1138 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2583 (November 2000), LR 27:1235 (August 2001), LR 28:1951 (September 2002), LR 29:34 (January 2003), LR 29:1470 (August 2003), amended by the Office of Environmental Assessment, LR 30:2029 (September 2004).

## **Chapter 7. Use of Radionuclides in the Healing Arts**

### **§712. Notifications, Reports, and Records of Medical Events**

A. - B. ...

C. The following notifications are required for a medical event.

1. The licensee shall notify the Office of Environmental Compliance by telephone at (225) 765-0160 in the manner provided in LAC 33:I.3923 no later than the next calendar day after discovery of the medical event.

2. The licensee shall submit a written report to the Office of Environmental Compliance using the procedures provided in LAC 33:I.3925.B and C within 15 days after

discovery of the medical event. The written report shall include the licensee's name; the prescribing physician's name; a brief description of the event; why the event occurred; the effect on the individual who received the administration; what improvements are needed to prevent recurrence; actions taken to prevent recurrence; whether the licensee notified the individual, or the individual's responsible relative or guardian, and if not, why not, and if the individual was notified, what information was provided to the individual. The report shall not include the individual's name or other information that could lead to identification of the individual. To meet the requirements of this Section, the notification of the medical event may be made to the individual or instead to that individual's responsible relative or guardian, when appropriate.

C.3. - F.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended LR 24:2102 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2588 (November 2000), LR 30:1174 (June 2004), LR 30:1679 (August 2004).

## **Chapter 15. Transportation of Radioactive Material**

### **§1516. Advance Notification of Transport of Nuclear Waste**

A. Prior to the transport of any nuclear waste outside of the confines of the licensee's facility or other place of use or storage, or prior to the delivery of any nuclear waste to a carrier for transport, each licensee shall provide advance notification of such transport to the governor, or governor's designee, of each state through which the waste will be transported. A list of the mailing addresses of the governors and governors' designees is available upon request from the director, Office of State Programs, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. In Louisiana, the governor's designee is the secretary of the Department of Environmental Quality.

B. - F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1270 (June 2000), LR 26:2602 (November 2000), amended by the Office of Environmental Assessment, LR 30:2029 (September 2004).

## Chapter 20. Radiation Safety Requirements for Wireline Service Operations and Subsurface Tracer Studies

### §2004. Prohibition

A. - A.1. ...

2. in the event a decision is made to abandon the sealed source downhole, the requirements of LAC 33:XV.2051 and any other requirements of any state agency having applicable regulations shall be met.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 30:1667 (August 2004).

### §2014. Leak Testing of Sealed Sources

A. ...

B. Method of Testing. Tests for leakage shall be performed only by persons specifically authorized to perform such tests by the Office of Environmental Services, Permits Division, the U.S. Nuclear Regulatory Commission, an agreement state, or a licensing state. The wipe of a sealed source must be performed using a leak test kit or method approved by the department, the U.S. Nuclear Regulatory Commission, or an agreement state. The test sample shall be taken from the surface of the source, source holder, or from the surface of the device in which the source is stored or mounted and on which one might expect contamination to accumulate. The test sample shall be analyzed for radioactive contamination by a person approved by the department, the U.S. Nuclear Regulatory Commission, or an agreement state to perform the analysis. The analysis shall be capable of detecting the presence of 0.005 microcurie (185 Bq) of radioactive material on the test sample.

C. - E.5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2604 (November 2000), LR 29:1471 (August 2003), LR 30:1667 (August 2004).

## Subchapter D. Notification

### §2051. Notification of Incidents, Abandonment, and Lost Sources

A. The licensee shall immediately notify the Office of Environmental Compliance by telephone at (225) 765-0160 in the manner provided in LAC 33:I.3923 and subsequently within 30 days by confirmatory report using the procedures provided in LAC 33:I.3925.B and C if the licensee knows or has reason to believe that a sealed source has been ruptured. The report must designate the well or other location, describe the magnitude and extent of the release of licensed materials, assess the consequences of the rupture, and explain efforts planned or being taken to mitigate these consequences.

B. Whenever a sealed source or device containing radioactive material is lodged downhole, the licensee shall:

1. ...

2. notify the Office of Environmental Compliance immediately by telephone at (225) 765-0160 in the manner provided in LAC 33:I.3923 if radioactive contamination is detected at the surface or if the source appears to be damaged, and provide a follow-up written report to the Office of Environmental Compliance using the procedures provided in LAC 33:I.3925.B and C within 30 days of detection.

C. - C.1.c. ...

2. notify the Office of Environmental Compliance by telephone at (225) 765-0160 in the manner provided in LAC 33:I.3923 giving the circumstances of the loss, and request approval of the proposed abandonment procedures; and

3. file a written report with the Office of Environmental Compliance using the procedures provided in LAC 33:I.3925.B and C within 30 days of the abandonment, setting forth the following information:

C.3.a. - E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 21:555 (June 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2606 (November 2000), LR 29:1473 (August 2003), LR 30:1679 (August 2004).